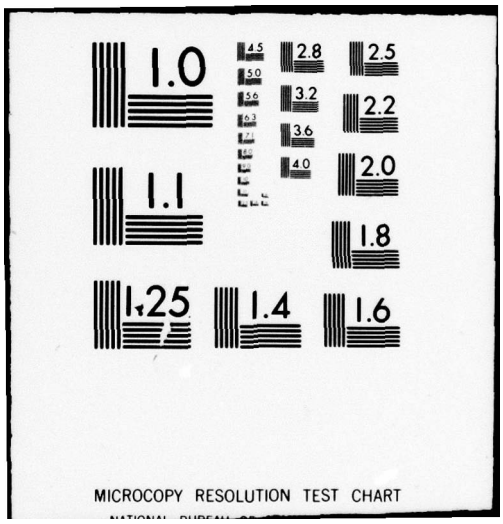
AD-A079 556 SRI INTERNATIONAL MENLO PARK CA F/G 15/5
USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIM--ETC(U)
SEP 79 R SANDYS F08635-76-D-0132
UNCLASSIFIED AFESC/ESL-TR-79-16-VOL-3 NL

1 OF 3
AD A
079556


1.0
2.8
2.5
3.2
2.2
3.6
4.0
2.0
1.1
1.8
1.25
1.4
1.6
MICROCOPY RESOLUTION TEST CHART

LEVEL II

ESL-TR-79-16

A079555

USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIMULATION MODEL-BATS

VOLUME III: DOCUMENTAUTION APPENDICES D AND E

RICHARD SANDYS PRIVATE CONSULTANT
SRI INTERNATIONAL
333 RAVENSWOOD AVENUE
MENLO PARK, CA 94025

DDC
RECEIVED
JAN 15 1980
E

AD A079556

SEPTEMBER 1979

FINAL REPORT

JUNE 1978-SEPTEMBER 1979

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION UNLIMITED

DDC FILE COPY

UNITED STATES AIR FORCE ENGINEERING AND SERVICES

AFESC

ENGINEERING AND SERVICES LABORATORY
AIR FORCE ENGINEERING AND SERVICES CENTER
TYNDALL AIR FORCE BASE, FLORIDA 32403

80 1-11 080

NOTICE

Please do not request copies of this report from HQ AFESC/RD (Engineering and Services Laboratory). Additional copies may be purchased from:

National Technical Information Service
5285 Port Royal Road
Springfield, Virginia 22161

Federal Government agencies and their contractors registered with Defense Technical Information Center should direct requests for copies of this report to:

Defense Technical Information Center
Cameron Station
Alexandria, Virginia 22314

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

18

19 **REPORT DOCUMENTATION PAGE**

READ INSTRUCTIONS BEFORE COMPLETING FORM

1. REPORT NUMBER: AFESC/ESL-TR-79-16-Vol-3

2. GOVT ACCESSION NO.

3. RECIPIENT'S CATALOG NUMBER

4. TITLE (and Subtitle): 6 USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIMULATION MODEL--BATS. Volume 3. Documentation, Appendices D and E.

5. TYPE OF REPORT & PERIOD COVERED: 9 Final Report, Sep Jun[redacted]78 - ~~October~~ [redacted]79

6. PERFORMING ORG. REPORT NUMBER

7. AUTHOR(s): 10 Richard Sandys (Private Consultant)

8. CONTRACT OR GRANT NUMBER(s): 15 F08635-76-D-0132

9. PERFORMING ORGANIZATION NAME AND ADDRESS
SRI International
333 Ravenswood Avenue
Menlo Park, CA 94025

10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS: 12 223

11. CONTROLLING OFFICE NAME AND ADDRESS
Air Force Engineering Service Center/RDVA
Tyndall Air Force Base, Florida 32403

12. REPORT DATE: 11 Sep[redacted]79

13. NUMBER OF PAGES: 226

14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)

15. SECURITY CLASS (of this report): Unclassified

15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

Available in DDC

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

BATS - Base Automotive Transportation Simulation
AQAM - Air Quality Assessment Model
motor vehicle emissions
motor vehicle transportation
computer model
data base
data reduction
simulation

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

The Base Automotive Transportation Simulation (BATS) model is a transportation planning and traffic flow model designed to simulate traffic volumes and flows on an air base. The principal model inputs are a road network, land use zones, demographic variables, and gate counts. The land use zones and demographic variables are used to assign volumes to the road network, and these volumes are calibrated using the gate counts. The flow characteristics on each road in the network are simulated using the volumes assigned. Average speed and

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

Unclassified 410 281

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

volumes are the results of the model and these may be directly input to the Air Quality Assessment Model (AQAM) to estimate pollutant emissions and dispersion from traffic sources. A volume flow plot of the network is an optional output of the model.

PREFACE

This report contains the Base Automotive Transportation Simulation (BATS) model computer program documentation developed during the period June 1978 - September 1979 by SRI International, Menlo Park CA, under contract F08635-76-0132, with HQ Air Force Engineering and Services Center/RDVA, Tyndall AFB FL 32403. Lieutenant Harold A. Scott, AFESC, managed the project.

Ms Marilyn Duffey-Armstrong was the project leader responsible for developing BATS. Mr Eugene Shelar modified the motor vehicle emission routines used by the Air Quality Assessment Model (AQAM). Stanley Isaacs, Linda Jones, William Stock, Judith Monaco, Robert Cofer, Irving Yabroff, Hisao Shigieshi and Marilyn Sanfillippo were the programmers for the BATS model. Ms Susan Swope wrote and prepared a major portion of the report.

This report has been reviewed by the Office of Information (OI) and is releasable to the National Technical Information Service (NTIS). At NTIS, it will be available to the general public, including foreign nations.

This report is approved for publication.

HAROLD A SCOTT, 1Lt, USAF
Air Quality Research Engineer

GARY G. WORLEY, Maj, USAF
Chief, Assessment Technology and Energy Branch

EMIL C. FREIN, Maj, USAF
Chief, Environics Division

JOSEPH S. PIZZUTO, Col, USAF, BSC
Director, Engineering and Services Laboratory

Accession For	
NTIS GRA&I	☑
DDC TAB	☐
Unannounced	☐
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or special
A	

(The reverse of this page is blank.)

TABLE OF CONTENTS

Appendix	Title	Page
D	SAMPLE RUN: TINKER AFB	1
E	SAMPLE RUN: DAVIS-MONTHAN AFB.	145

LIST OF TABLES

Table	Title	Page
D-1	Comparison of BATS and Field Data Volumes for Tinker Air Force Base.	2
E-1	Comparison of BATS and Field Data for Davis-Monthan Air Force Base	146
E-2	Comparison of Network Summary Parameters of the Descriptive and Predictive Runs for Davis-Monthan Air Force Base	147

(The reverse of this page is blank)

Appendix D

SAMPLE RUN: TINKER AFB

I. Introduction

Tinker AFB had two distinctive problems that could be examined using the BATS model. One was the congestion during the peak evening rush hour. A second was the congestion that might be caused when the commissary was moved to a new location. The peak evening rush hour was simulated with a descriptive run of the BATS model. This showed congestion at four intersections during various 15-minute periods. Noon peak-hour descriptive and predictive runs were made to describe conditions before and after the commissary move. These showed an increase in overall travel time after the move, but no congestion at intersections. A link map and a volume flow map were made for the predictive run.

II. Tinker AFB P.M. Rush Descriptive Run

The P. M. rush hour run of the model showed congestion at the intersection of Industrial Boulevard and Perimeter Drive (Links 25, 60, and 62), at the intersection of Entrance Road "A" and East Drive (Links 141, 143, and 150), and at the intersection of Bradley Drive and East Drive (Links 147, 149, and 152), from 1530 to 1545. During the time period 1545 to 1600, there was congestion only at the intersection of Bradley Drive and East Drive. During the time period from 1600 to 1615, the congestion shifted to the Entrance Road "A" and East Drive intersection. During the time period from 1615 to 1630, the congestion shifted away from the major employment zone (Zone 16) to the intersection of Air Depot Boulevard and Arnold Street (links 81, 114, 116, and 217).

The shifting in intersection congestion in the first three time periods is due to the fact that all three routes leaving the major work zones are operating near capacity (level-of-service E). Thus, when the computer attempts to avoid congested areas by selecting alternate travel routes, congestion appears elsewhere. The descriptive run of the BATS model shows congestion where it normally occurs on the base (although the timing may be inexact for a particular 15-minute time period). However, during a one-hour period, BATS accurately modelled the peak travel period on the base.

III. Tinker AFB Noon Peak Descriptive Run

Descriptive and predictive runs were made to show the effects of moving the commissary to a new location. In making the descriptive run, the model was first calibrated to the intersection counts along the major roadways. Table D-1 compares field-collected counts with the counts

Table D-1

COMPARISON OF BATS AND FIELD DATA

VOLUMES FOR TINKER AIR FORCE BASE

Intersection Identification	Link Identification	BATS Volume	Field Volume
#22	#67 - North Approach	287	98
2nd Street and A Avenue	#98 - West Approach	211	117
	#100 - South Approach	104	60
#24	#71 - North Approach	35	58
2nd Street and D Avenue	#92 - West Approach	246	242
	#108 - South Approach	109	142
	#93 - East Approach	160	131
#26	#75 - North Approach	322	153
2nd Street and F Avenue	#88 - West Approach	492	233
	#89 - East Approach	265	322
#27	#77 - North Approach	0	13
2nd Street and H Avenue	#86 - West Approach	503	152
	#110 - South Approach	98	131
	#87 - East Approach	420	333
#29	#81 - North Approach	338	205
2nd Street and Air Depot	#116 - West Approach	372	280
Boulevard	#114 - South Approach	167	120
	#217 - East Approach	416	352
#30	#227 - North Approach	0	0
2nd Street and L Avenue	#84 - West Approach	572	267
	#112 - South Approach	54	96
	#85 - East Approach	387	296

modelled by BATS. Initially, the counts did not match very closely. This discrepancy was due to the default array being based on Williams AFB data where 30% of the work force live on-base and there are few restaurants or shopping faciities located near the base. However, at Tinker, there are many more civilian than military employees, and these employees tend to go off-base to shop or eat at noon time. The central intersection at Air Depot Boulevard and Arnold Street was overutilized in the initial descriptive run, and this caused the problem of excessive on-base trips to be recognized.

To compensate for this difference in the makeup of the bases, a new PLUALU array was generated to reflect the decreased HOME and SERVICE/RECREATION trips and the increased EXTERNAL trips that are found on Tinker AFB.

IV. Tinker AFB Noon Peak Predictive Run

The predictive run was made relocating the commissary from Zone 6 to Zone 9. Input data for both runs was basically identical, except that the demographic variable for Zones 6 and 9 was changed to reflect the change in the land use for those zones. The results of the move, shown on the printout of the predictive run, indicated increased total network travel time (from 219 to 222 vehicle hours), increased vehicle mileage on the network (from 6,712 to 6,716 vehicle miles), and increased delays at intersections (from 18 to 20 vehicle hours).

The "Intersection Delay and Queueing" (Report H.2), shows increased delay and queueing at the Air Depot and 2nd Street intersection (#29), and at the 2nd Street and H Avenue intersection (#27). This is caused by an increase in the number of vehicles using these intersections, but no congestion results, i.e., the level-of-service is not reduced below C. The existing network, with the planned signalized intersection at 2nd and H Avenue should adequately handle the altered traffic pattern that will result when the commissary is moved to a new site.

BATS MODEL

LINKER ADS

A BUSH DESIGN

28 07 78

TABLE OF CONTENTS

A. INPUT DATA

1. INPUT LISTING

B. INITIALIZATION

1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

C. TRIP GENERATION

1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS (IPFLG(1)=1)

2. TRIP PRODUCTIONS (PERSONS) (IPFLG(1)=1)

3. TRIP ATTRACTIONS (PERSONS) (IPFLG(1)=1)

4. MATRIX ASSOCIATING ZONES WITH GATES(IPFLG(1)=1)

5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

D. TRIP DISTRIBUTION

1. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(2)>=1)

2. ORIGIN-DESTINATION ARRAY (IPFLG(2)=1)

3. ORIGIN-DESTINATION ARRAY FOR CIVILIAN VEHICLE TRIPS (IPFLG(2)=2)

4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (IPFLG(2)=4)

E. MODAL SPLIT

1. MODAL SPLIT VEHICLE LOAD FACTORS (IPFLG(3)=1)

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=1)

F. CALIBRATION

1. CALIBRATION FACTORS

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=2)

G. ASSIGNMENT

1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIME

(IPFLG(3)>=4)

2. VEHICLE COUNT, TYPE AND HOT/COLD STARTS (IPFLG(3)>0)

H. TRAFFIC FLOW ANALYSIS

1. LINK COUNTS (IPFLG(3)=0)

2. INTERSECTION DELAYS AND QUEUEING

3. PARKING LOT TRAVEL TIMES AND DELAYS

4. LINK TO LINK TRAVEL TIMES

I. SUMMARY

1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

POSSIBLE REPETITION OF A THROUGH I FOR EACH TIME PERIOD.

INTRODUCTION

THE U.S. AIR FORCE THROUGH A CONTRACTURAL ARRANGEMENT HAS DEVELOPED AN AIR BASE MOTOR VEHICLE MODEL THAT WILL SIMULATE A BASE TRAFFIC NETWORK USING AVAILABLE LAND USE, EMPLOYMENT, AND ENGINEERING DATA. THE MODEL WILL GRAPHICALLY REPRESENT AIR BASE MOTOR VEHICLE OPERATION ON VOLUME/FLOW MAPS, AND WILL OUTPUT A FILE OF TRAFFIC FLOWS FOR INPUT TO THE AQAM (AIR QUALITY ASSESSMENT) MODEL.1

A.1. INPUT LISTING: OF EACH DATA CARD - WITH MODIFICATIONS MADE BY SUBROUTINE INPT.

```
78/ 7/28        TINKER AFB            P.M. RUSH DESCRIPTIVE
1 240  54  29  29   9   8  -0   1  -0   8******30. 6.3600.   -0.   -0.3141139*257
2  1   2    64323.   392231.   64441.   392232.   -0  25.   211   -0   43  -0.   1.00000  64.0 392.0
2  2   2    64323.   392231.   64441.   392232.   -0  25.     4   14  210  -0.   1.00000  64.0 392.0
2  3   2    64441.   392232.   64481.   392229.   -0  25.     1  210   14  -0.   1.00000  64.0 392.0
2  4   2    64441.   392232.   64481.   392229.   -0  25.     6   39   -0  -0.   1.00000  64.0 392.0
2  5   2    64481.   392229.   64559.   392229.   -0  25.     3   -0   39  -0.   1.00000  64.0 392.0
2  6   2    64481.   392229.   64559.   392229.   -0  25.     8   37   -0  -0.   1.00000  64.0 392.0
2  7   2    64559.   392229.   64653.   392228.   -0  25.     5   -0   37  -0.   1.00000  64.0 392.0
2  8   2    64559.   392229.   64653.   392228.   -0  25.    10   27  208  -0.   1.00000  64.0 392.0
2  9   2    64653.   392228.   64725.   392228.   -0  25.     7  208   27  -0.   1.00000  64.0 392.0
2 10   2    64653.   392228.   64725.   392228.   -0  25.    12   23   -0  -0.   1.00000  64.0 392.0
2 11   2    64725.   392228.   64799.   392228.   -0  25.     9   -0   23  -0.   1.00000  64.0 392.0
2 12   2    64725.   392228.   64799.   392228.   -0  25.   206   63  204  -0.   1.00000  64.0 392.0
2 13   3    64441.   392232.   64458.   392221.   -0  25.   210    4    1  -0.   1.00000  64.0 392.0
2 14   3    64441.   392232.   64458.   392221.   -0  25.    -0   -0   -0  -0.   1.00000  64.0 392.0
2 15   3    64458.   392221.   64481.   392221.   -0  25.    13   -0   -0  -0.   1.00000  64.0 392.0
2 16   3    64458.   392221.   64481.   392221.   -0  25.    18   41   40  -0.   1.00000  64.0 392.0
2 17   3    64481.   392221.   64559.   392218.   -0  25.    15   40   41  -0.   1.00000  64.0 392.0
2 18   3    64481.   392221.   64559.   392218.   -0  25.   224   35   38  -0.   1.00000  64.0 392.0
2 19   3    64653.   392225.   64725.   392219.   -0  25.   223   28  225  -0.   1.00000  64.0 392.0
2 20   3    64653.   392225.   64725.   392219.   -0  25.    22   25   24  -0.   1.00000  64.0 392.0
2 21   3    64725.   392219.   64799.   392191.   -0  25.    19   24   25  -0.   1.00000  64.0 392.0
2 22   3    64725.   392219.   64799.   392191.   -0  25.    -0   65   64  -0.   1.00000  64.0 392.0
2 23   2    64725.   392228.   64725.   392219.   -0  25.    25   19   22  -0.   1.00000  64.0 392.0
2 24   2    64725.   392228.   64725.   392219.   -0  25.    -0   12    9  -0.   1.00000  64.0 392.0
2 25   2    64725.   392219.   64725.   392200.   -0  25.    61   59   -0  -0.   1.00000  64.0 392.0
2 26   2    64725.   392219.   64725.   392200.   -0  25.    24   22   19  -0.   1.00000  64.0 392.0
2 27   2    64653.   392228.   64653.   392225.   -0  25.   225  223   20  -0.   1.00000  64.0 392.0
2 28   2    64653.   392228.   64653.   392225.   -0  25.   208   10    7  -0.   1.00000  64.0 392.0
2 29   2    64653.   392214.   64653.   392205.   -0  25.    67   57   -0  -0.   1.00000  64.0 392.0
2 30   2    64653.   392214.   64653.   392205.   -0  25.   226   60   -0  -0.   1.00000  64.0 392.0
2 31   1    64595.   392217.   64595.   392206.   -0  25.    71   53   56  -0.   1.00000  64.0 392.0
2 32   1    64595.   392217.   64595.   392206.   -0  25.    -0   -0   -0  -0.   1.00000  64.0 392.0
2 33   1    64577.   392217.   64577.   392206.   -0  25.    73   51   54  -0.   1.00000  64.0 392.0
2 34   1    64577.   392217.   64577.   392206.   -0  25.    -0   -0   -0  -0.   1.00000  64.0 392.0
2 35   2    64559.   392218.   64559.   392206.   -0  25.    75   49   52  -0.   1.00000  64.0 392.0
2 36   2    64559.   392218.   64559.   392206.   -0  25.    38  224   17  -0.   1.00000  64.0 392.0
2 37   3    64559.   392229.   64559.   392218.   -0  25.    35   17  224  -0.   1.00000  64.0 392.0
2 38   3    64559.   392229.   64559.   392218.   -0  25.    -0    8    5  -0.   1.00000  64.0 392.0
2 39   3    64481.   392229.   64481.   392221.   -0  25.    41   15   18  -0.   1.00000  64.0 392.0
2 40   3    64481.   392229.   64481.   392221.   -0  25.    -0    6    3  -0.   1.00000  64.0 392.0
2 41   1    64481.   392221.   64481.   392198.   -0  25.    81   -0   46  -0.   1.00000  64.0 392.0
2 42   1    64481.   392221.   64481.   392198.   -0  25.    40   18   15  -0.   1.00000  64.0 392.0
2 43   1    64323.   392231.   64322.   392140.   -0  25.   201   -0   -0  -0.   1.00000  64.0 392.0
2 44   1    64323.   392231.   64322.   392140.   -0  25.    -0    2  211  -0.   1.00000  64.0 392.0
2 45   1    64481.   392198.   64495.   392198.   -0  25.    -0   42   81  -0.   1.00000  64.0 392.0
2 46   1    64481.   392198.   64495.   392198.   -0  25.    48   79   -0  -0.   1.00000  64.0 392.0
2 47   1    64495.   392198.   64511.   392198.   -0  25.    45   -0   79  -0.   1.00000  64.0 392.0
2 48   1    64495.   392198.   64511.   392198.   -0  25.    -0   -0   -0  -0.   1.00000  64.0 392.0
2 49   1    64533.   392206.   64559.   392206.   -0  25.   231   -0   77  -0.   1.00000  64.0 392.0
2 50   2    64533.   392206.   64559.   392206.   -0  25.    52   75   36  -0.   1.00000  64.0 392.0
2 51   2    64559.   392206.   64577.   392206.   -0  25.    49   36   75  -0.   1.00000  64.0 392.0
2 52   2    64559.   392206.   64577.   392206.   -0  25.    54   73   34  -0.   1.00000  64.0 392.0
2 53   2    64577.   392206.   64595.   392206.   -0  25.    51   34   73  -0.   1.00000  64.0 392.0
2 54   2    64577.   392206.   64595.   392206.   -0  25.    56   71   32  -0.   1.00000  64.0 392.0
2 55   2    64595.   392206.   64634.   392205.   -0  25.    53   32   71  -0.   1.00000  64.0 392.0
2 56   2    64595.   392206.   64634.   392205.   -0  25.    58   69   -0  -0.   1.00000  64.0 392.0
2 57   2    64634.   392205.   64653.   392205.   -0  25.    55   -0   69  -0.   1.00000  64.0 392.0
```

2	58	2	64634.	392205.	64653.	392205.	-0	25.	-0	67	30	-0.	1.00000	64.0	392.0
2	59	2	64653.	392214.	64725.	392200.	-0	40.	-0	226	29	-0.	1.00000	64.0	392.0
2	60	2	64653.	392214.	64725.	392200.	-0	40.	-0	61	26	-0.	1.00000	64.0	392.0
2	61	2	64725.	392200.	64724.	392144.	-0	40.	-0	-0	136	-0.	1.00000	64.0	392.0
2	62	2	64725.	392200.	64724.	392144.	-0	40.	26	-0	59	-0.	1.00000	64.0	392.0
2	63	2	64799.	392228.	64799.	392191.	-0	25.	65	21	-0	-0.	1.00000	64.0	392.0
2	64	2	64799.	392228.	64799.	392191.	-0	25.	204	206	11	-0.	1.00000	64.0	392.0
2	65	2	64799.	392191.	64799.	392102.	-0	25.	145	143	-0	-0.	1.00000	64.0	392.0
2	66	2	64799.	392191.	64799.	392102.	-0	25.	64	-0	21	-0.	1.00000	64.0	392.0
2	67	2	64653.	392205.	64651.	392173.	-0	25.	99	97	-0	-0.	1.00000	64.0	392.0
2	68	2	64653.	392205.	64651.	392173.	-0	25.	30	-0	57	-0.	1.00000	64.0	392.0
2	69	1	64634.	392205.	64634.	392173.	-0	25.	-0	95	98	-0.	1.00000	64.0	392.0
2	70	1	64634.	392205.	64634.	392173.	-0	25.	-0	58	55	-0.	1.00000	64.0	392.0
2	71	2	64595.	392206.	64595.	392173.	-0	25.	107	91	94	-0.	1.00000	64.0	392.0
2	72	2	64595.	392206.	64595.	392173.	-0	25.	32	56	53	-0.	1.00000	64.0	392.0
2	73	1	64577.	392206.	64577.	392173.	-0	25.	-0	89	92	-0.	1.00000	64.0	392.0
2	74	1	64577.	392206.	64577.	392173.	-0	25.	34	54	51	-0.	1.00000	64.0	392.0
2	75	2	64559.	392206.	64559.	392173.	-0	25.	-0	87	90	-0.	1.00000	64.0	392.0
2	76	2	64559.	392206.	64559.	392173.	-0	25.	36	52	49	-0.	1.00000	64.0	392.0
2	77	1	64533.	392206.	64533.	392173.	-0	25.	109	85	88	-0.	1.00000	64.0	392.0
2	78	1	64533.	392206.	64533.	392173.	-0	25.	-0	50	231	-0.	1.00000	64.0	392.0
2	79	1	64495.	392198.	64495.	392176.	-0	25.	219	217	-0	-0.	1.00000	64.0	392.0
2	80	1	64495.	392198.	64495.	392176.	-0	25.	-0	48	45	-0.	1.00000	64.0	392.0
2	81	2	64481.	392198.	64481.	392174.	-0	30.	113	115	218	-0.	1.00000	64.0	392.0
2	82	2	64481.	392198.	64481.	392174.	-0	30.	42	46	-0	-0.	1.00000	64.0	392.0
2	83	2	64495.	392176.	64511.	392173.	-0	25.	217	80	219	-0.	1.00000	64.0	392.0
2	84	2	64495.	392172.	64511.	392173.	-0	25.	86	111	228	-0.	1.00000	64.0	392.0
2	85	2	64511.	392173.	64533.	392173.	-0	25.	83	-0	111	-0.	1.00000	64.0	392.0
2	86	2	64511.	392173.	64533.	392173.	-0	25.	88	109	78	-0.	1.00000	64.0	392.0
2	87	2	64533.	392173.	64559.	392173.	-0	25.	85	78	109	-0.	1.00000	64.0	392.0
2	88	2	64533.	392173.	64559.	392173.	-0	25.	90	-0	76	-0.	1.00000	64.0	392.0
2	89	2	64559.	392173.	64577.	392173.	-0	25.	87	76	-0	-0.	1.00000	64.0	392.0
2	90	2	64559.	392173.	64577.	392173.	-0	25.	92	-0	74	-0.	1.00000	64.0	392.0
2	91	2	64577.	392173.	64595.	392173.	-0	25.	69	74	-0	-0.	1.00000	64.0	392.0
2	92	2	64577.	392173.	64595.	392173.	-0	25.	94	107	72	-0.	1.00000	64.0	392.0
2	93	2	64595.	392173.	64615.	392173.	-0	25.	91	72	107	-0.	1.00000	64.0	392.0
2	94	2	64595.	392173.	64615.	392173.	-0	25.	96	103	-0	-0.	1.00000	64.0	392.0
2	95	2	64615.	392173.	64634.	392173.	-0	25.	93	-0	103	-0.	1.00000	64.0	392.0
2	96	2	64615.	392173.	64634.	392173.	-0	25.	98	-0	70	-0.	1.00000	64.0	392.0
2	97	2	64634.	392173.	64651.	392173.	-0	25.	95	70	-0	-0.	1.00000	64.0	392.0
2	98	2	64634.	392173.	64651.	392173.	-0	25.	-0	99	68	-0.	1.00000	64.0	392.0
2	99	1	64651.	392173.	64651.	392143.	-0	25.	233	101	-0	-0.	1.00000	64.0	392.0
2100		1	64651.	392173.	64651.	392143.	-0	25.	68	-0	97	-0.	1.00000	64.0	392.0
2101		2	64615.	392151.	64651.	392150.	-0	25.	105	104	-0	-0.	1.00000	64.0	392.0
2102		2	64615.	392151.	64651.	392150.	-0	25.	-0	233	100	-0.	1.00000	64.0	392.0
2103		2	64615.	392173.	64615.	392151.	-0	25.	-0	105	102	-0.	1.00000	64.0	392.0
2104		2	64615.	392173.	64615.	392151.	-0	25.	-0	96	93	-0.	1.00000	64.0	392.0
2105		2	64595.	392151.	64615.	392151.	-0	25.	-0	108	-0	-0.	1.00000	64.0	392.0
2106		2	64595.	392151.	64615.	392151.	-0	25.	102	-0	104	-0.	1.00000	64.0	392.0
2107		2	64595.	392173.	64595.	392151.	-0	25.	-0	-0	106	-0.	1.00000	64.0	392.0
2108		2	64595.	392173.	64595.	392151.	-0	25.	72	94	91	-0.	1.00000	64.0	392.0
2109		1	64533.	392173.	64533.	392139.	-0	25.	-0	133	-0	-0.	1.00000	64.0	392.0
2110		1	64533.	392173.	64533.	392139.	-0	25.	78	88	85	-0.	1.00000	64.0	392.0
2111		1	64511.	392173.	64511.	392139.	-0	25.	-0	-0	134	-0.	1.00000	64.0	392.0
2112		1	64511.	392173.	64511.	392139.	-0	25.	-0	86	83	-0.	1.00000	64.0	392.0
2113		1	64481.	392174.	64493.	392086.	-0	30.	197	199	-0	-0.	1.00000	64.0	392.0
2114		1	64481.	392174.	64493.	392086.	-0	30.	82	218	115	-0.	1.00000	64.0	392.0
2115		2	64406.	392152.	64481.	392174.	-0	35.	117	-0	125	-0.	1.00000	64.0	392.0
2116		2	64406.	392152.	64481.	392174.	-0	35.	118	113	82	-0.	1.00000	64.0	392.0
2117		2	64367.	392140.	64406.	392152.	-0	25.	119	122	123	-0.	1.00000	64.0	392.0
2118		2	64367.	392140.	64406.	392152.	-0	25.	116	125	-0	-0.	1.00000	64.0	392.0

2119	2	64322.	392140.	64367.	392140.	-0	25.	-0	-0	235	-0.	1.00000	64.0	392.0
2120	2	64322.	392140.	64367.	392140.	-0	25.	118	123	122	-0.	1.00000	64.0	392.0
2121	1	64367.	392155.	64367.	392140.	-0	25.	123	119	118	-0.	1.00000	64.0	392.0
2122	1	64367.	392155.	64367.	392140.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2123	1	64367.	392140.	64367.	392113.	-0	25.	129	237	128	-0.	1.00000	64.0	392.0
2124	1	64367.	392140.	64367.	392113.	-0	25.	122	118	119	-0.	1.00000	64.0	392.0
2125	1	64406.	392152.	64403.	392124.	-0	25.	-0	127	131	-0.	1.00000	64.0	392.0
2126	1	64406.	392152.	64403.	392124.	-0	25.	-0	116	117	-0.	1.00000	64.0	392.0
2127	1	64367.	392113.	64403.	392124.	-0	25.	237	124	129	-0.	1.00000	64.0	392.0
2128	1	64367.	392113.	64403.	392124.	-0	25.	-0	131	126	-0.	1.00000	64.0	392.0
2129	1	64367.	392113.	64364.	392054.	-0	20.	-0	-0	-0	-0.	1.00000	64.0	392.0
2130	1	64367.	392113.	64364.	392054.	-0	20.	124	128	237	-0.	1.00000	64.0	392.0
2131	1	64403.	392124.	64423.	392109.	-0	20.	239	-0	-0	-0.	1.00000	64.0	392.0
2132	1	64403.	392124.	64423.	392109.	-0	20.	-0	126	127	-0.	1.00000	64.0	392.0
2133	1	64511.	392139.	64533.	392139.	-0	25.	-0	112	-0	-0.	1.00000	64.0	392.0
2134	1	64511.	392139.	64533.	392139.	-0	25.	-0	-0	110	-0.	1.00000	64.0	392.0
2135	2	64724.	392144.	64754.	392144.	-0	25.	-0	62	-0	-0.	1.00000	64.0	392.0
2136	2	64724.	392144.	64754.	392144.	-0	25.	138	139	-0	-0.	1.00000	64.0	392.0
2137	2	64754.	392144.	64767.	392144.	-0	25.	135	-0	139	-0.	1.00000	64.0	392.0
2138	2	64754.	392144.	64767.	392144.	-0	25.	-0	141	-0	-0.	1.00000	64.0	392.0
2139	1	64754.	392144.	64754.	392063.	-0	15.	-0	-0	-0	-0.	1.00000	64.0	392.0
2140	1	64754.	392144.	64754.	392063.	-0	15.	-0	138	135	-0.	1.00000	64.0	392.0
2141	2	64767.	392144.	64767.	392102.	-0	25.	149	-0	144	-0.	1.00000	64.0	392.0
2142	2	64767.	392144.	64767.	392102.	-0	25.	-0	-0	137	-0.	1.00000	64.0	392.0
2143	2	64767.	392102.	64799.	392102.	-0	25.	-0	142	149	-0.	1.00000	64.0	392.0
2144	2	64767.	392102.	64799.	392102.	-0	25.	-0	145	66	-0.	1.00000	64.0	392.0
2145	2	64799.	392102.	64798.	392067.	-0	25.	153	147	-0	-0.	1.00000	64.0	392.0
2146	2	64799.	392102.	64798.	392067.	-0	25.	66	-0	143	-0.	1.00000	64.0	392.0
2147	2	64767.	392066.	64798.	392067.	-0	25.	-0	150	151	-0.	1.00000	64.0	392.0
2148	2	64767.	392066.	64798.	392067.	-0	25.	-0	153	146	-0.	1.00000	64.0	392.0
2149	2	64767.	392102.	64767.	392066.	-0	25.	151	-0	148	-0.	1.00000	64.0	392.0
2150	2	64767.	392102.	64767.	392066.	-0	25.	142	144	-0	-0.	1.00000	64.0	392.0
2151	1	64767.	392066.	64767.	391981.	-0	25.	-0	-0	156	-0.	1.00000	64.0	391.0
2152	1	64767.	392066.	64767.	391981.	-0	25.	150	148	-0	-0.	1.00000	64.0	391.0
2153	2	64798.	392067.	64798.	391906.	-0	25.	215	161	-0	-0.	1.00000	64.0	391.0
2154	2	64798.	392067.	64798.	391906.	-0	25.	146	-0	147	-0.	1.00000	64.0	391.0
2155	1	64767.	391981.	64789.	391981.	-0	25.	-0	152	-0	-0.	1.00000	64.0	391.0
2156	1	64767.	391981.	64789.	391981.	-0	25.	-0	157	-0	-0.	1.00000	64.0	391.0
2157	1	64789.	391981.	64789.	391906.	-0	25.	221	159	162	-0.	1.00000	64.0	391.0
2158	1	64789.	391981.	64789.	391906.	-0	25.	-0	-0	155	-0.	1.00000	64.0	391.0
2159	1	64774.	391906.	64789.	391906.	-0	25.	-0	163	-0	-0.	1.00000	64.0	391.0
2160	1	64774.	391906.	64789.	391906.	-0	25.	162	221	158	-0.	1.00000	64.0	391.0
2161	1	64789.	391906.	64798.	391906.	-0	25.	159	158	221	-0.	1.00000	64.0	391.0
2162	1	64789.	391906.	64798.	391906.	-0	25.	-0	215	154	-0.	1.00000	64.0	391.0
2163	1	64751.	391927.	64774.	391906.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	391.0
2164	1	64751.	391927.	64774.	391906.	-0	25.	-0	-0	160	-0.	1.00000	64.0	391.0
2165	1	64730.	391827.	64754.	391828.	-0	40.	-0	-0	167	-0.	1.00000	64.0	391.0
2166	1	64730.	391827.	64754.	391828.	-0	40.	-0	-0	222	-0.	1.00000	64.0	391.0
2167	1	64730.	391827.	64729.	391777.	-0	40.	-0	169	-0	-0.	1.00000	64.0	391.0
2168	1	64730.	391827.	64729.	391777.	-0	40.	-0	166	-0	-0.	1.00000	64.0	391.0
2169	1	64663.	391778.	64729.	391777.	-0	40.	-0	172	-0	-0.	1.00000	64.0	391.0
2170	1	64663.	391778.	64729.	391777.	-0	40.	-0	-0	168	-0.	1.00000	64.0	391.0
2171	1	64663.	391911.	64663.	391778.	-0	40.	-0	-0	170	-0.	1.00000	64.0	391.0
2172	1	64663.	391911.	64663.	391778.	-0	40.	-0	-0	173	-0.	1.00000	64.0	391.0
2173	1	64590.	391911.	64663.	391911.	-0	40.	175	190	-0	-0.	1.00000	64.0	391.0
2174	1	64590.	391911.	64663.	391911.	-0	40.	-0	171	-0	-0.	1.00000	64.0	391.0
2175	1	64568.	391911.	64590.	391911.	-0	40.	177	-0	179	-0.	1.00000	64.0	391.0
2176	1	64568.	391911.	64590.	391911.	-0	40.	174	-0	190	-0.	1.00000	64.0	391.0
2177	1	64500.	391911.	64568.	391911.	-0	40.	-0	183	-0	-0.	1.00000	64.0	391.0
2178	1	64500.	391911.	64568.	391911.	-0	40.	176	179	-0	-0.	1.00000	64.0	391.0
2179	1	64568.	391911.	64568.	391908.	-0	25.	-0	181	-0	-0.	1.00000	64.0	391.0

2180	1	64568.	391911.	64568.	391908.	-0	25.	-0	176	177	-0.	1.00000	64.0	391.0
2181	1	64320.	391909.	64568.	391908.	-0	25.	-0	202	213	-0.	1.00000	64.0	391.0
2182	1	64320.	391909.	64568.	391908.	-0	25.	-0	-0	180	-0.	1.00000	64.0	391.0
2183	1	64484.	391927.	64500.	391911.	-0	40.	-0	186	-0	-0.	1.00000	64.0	391.0
2184	1	64484.	391927.	64500.	391911.	-0	40.	-0	-0	178	-0.	1.00000	64.0	391.0
2185	1	64486.	391988.	64484.	391927.	-0	40.	-0	-0	184	-0.	1.00000	64.0	391.0
2186	1	64486.	391988.	64484.	391927.	-0	40.	196	188	-0	-0.	1.00000	64.0	391.0
2187	1	64486.	391988.	64537.	391983.	-0	25.	-0	196	185	-0.	1.00000	64.0	391.0
2188	1	64486.	391988.	64537.	391983.	-0	25.	-0	189	192	-0.	1.00000	64.0	391.0
2189	1	64537.	391983.	64590.	391911.	-0	35.	-0	175	174	-0.	1.00000	64.0	391.0
2190	1	64537.	391983.	64590.	391911.	-0	35.	192	-0	187	-0.	1.00000	64.0	391.0
2191	1	64538.	392010.	64537.	391983.	-0	35.	189	187	-0	-0.	1.00000	64.0	391.0
2192	1	64538.	392010.	64537.	391983.	-0	35.	-0	-0	193	-0.	1.00000	64.0	391.0
2193	1	64491.	392055.	64538.	392010.	-0	35.	-0	198	195	-0.	1.00000	64.0	392.0
2194	1	64491.	392055.	64538.	392010.	-0	35.	-0	191	-0	-0.	1.00000	64.0	392.0
2195	1	64491.	392055.	64486.	391988.	-0	40.	185	-0	188	-0.	1.00000	64.0	391.0
2196	1	64491.	392055.	64486.	391988.	-0	40.	198	194	-0	-0.	1.00000	64.0	391.0
2197	1	64493.	392086.	64491.	392055.	-0	25.	195	-0	194	-0.	1.00000	64.0	392.0
2198	1	64493.	392086.	64491.	392055.	-0	25.	114	-0	199	-0.	1.00000	64.0	392.0
2199	1	64493.	392086.	64479.	392086.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2200	1	64493.	392086.	64479.	392086.	-0	25.	-0	197	114	-0.	1.00000	64.0	392.0
2201	1	64322.	392140.	64320.	391909.	-0	25.	213	-0	182	-0.	1.00000	64.0	391.0
2202	1	64322.	392140.	64320.	391909.	-0	25.	44	-0	-0	-0.	1.00000	64.0	391.0
2203	1	64799.	392228.	64799.	392236.	-0	25.	63	11	206	-0.	1.00000	64.0	392.0
2204	1	64799.	392228.	64799.	392236.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2205	2	64799.	392228.	64810.	392228.	-0	25.	11	204	63	-0.	1.00000	64.0	392.0
2206	2	64799.	392228.	64810.	392228.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2207	1	64653.	392228.	64653.	392236.	-0	25.	27	7	10	-0.	1.00000	64.0	392.0
2208	1	64653.	392228.	64653.	392236.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2209	3	64441.	392232.	64432.	392236.	-0	25.	14	1	4	-0.	1.00000	64.0	392.0
2210	3	64441.	392232.	64432.	392236.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2211	2	64323.	392231.	64313.	392231.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2212	2	64323.	392231.	64313.	392231.	-0	25.	2	43	-0	-0.	1.00000	64.0	392.0
2213	1	64320.	391909.	64320.	391890.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	391.0
2214	1	64320.	391909.	64320.	391890.	-0	25.	202	182	-0	-0.	1.00000	64.0	391.0
2215	1	64798.	391906.	64798.	391748.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	391.0
2216	1	64798.	391906.	64798.	391748.	-0	25.	154	-0	161	-0.	1.00000	64.0	391.0
2217	2	64481.	392174.	64495.	392176.	-0	25.	115	82	113	-0.	1.00000	64.0	392.0
2218	2	64481.	392174.	64495.	392172.	-0	25.	84	-0	220	-0.	1.00000	64.0	392.0
2219	1	64495.	392176.	64495.	392172.	-0	25.	-0	-0	84	-0.	1.00000	64.0	392.0
2220	1	64495.	392176.	64495.	392172.	-0	25.	80	-0	217	-0.	1.00000	64.0	392.0
2221	1	64769.	391906.	64754.	391828.	-0	25.	-0	165	-0	-0.	1.00000	64.0	391.0
2222	1	64769.	391906.	64754.	391828.	-0	25.	158	162	159	-0.	1.00000	64.0	391.0
2223	3	64559.	392218.	64653.	392225.	-0	25.	17	38	35	-0.	1.00000	64.0	392.0
2224	3	64559.	392218.	64653.	392225.	-0	25.	20	225	28	-0.	1.00000	64.0	392.0
2225	2	64653.	392225.	64653.	392214.	-0	25.	29	-0	608	-0.	1.00000	64.0	392.0
2226	2	64653.	392225.	64653.	392214.	-0	25.	28	20	223	-0.	1.00000	64.0	392.0
2227	1	64511.	392173.	64511.	392198.	-0	25.	111	83	86	-0.	1.00000	64.0	392.0
2228	1	64511.	392173.	64511.	392198.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2229	1	64511.	392198.	64511.	392206.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2230	1	64511.	392198.	64511.	392206.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2231	1	64511.	392206.	64533.	392206.	-0	25.	-0	-0	229	-0.	1.00000	64.0	392.0
2232	1	64511.	392206.	64533.	392206.	-0	25.	50	77	-0	-0.	1.00000	64.0	392.0
2233	1	64651.	392150.	64651.	392143.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2234	1	64651.	392150.	64651.	392143.	-0	25.	100	-0	101	-0.	1.00000	64.0	392.0
2235	1	64320.	392140.	64320.	392113.	-0	25.	-0	-0	238	-0.	1.00000	64.0	392.0
2236	1	64320.	392140.	64320.	392113.	-0	25.	-0	120	-0	-0.	1.00000	64.0	392.0
2237	1	64320.	392113.	64367.	392113.	-0	25.	-0	236	-0	-0.	1.00000	64.0	392.0
2238	1	64320.	392113.	64367.	392113.	-0	25.	128	129	124	-0.	1.00000	64.0	392.0
2239	1	64423.	392109.	64440.	392070.	-0	25.	-0	-0	-0	-0.	1.00000	64.0	392.0
2240	1	64423.	392109.	64440.	392070.	-0	25.	132	-0	-0	-0.	1.00000	64.0	392.0

```
3  1   -0    1   44  212   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  2   -0    3   -0    2   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  3   -0    5   40    4   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  4   -0    7   38    6   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  5  207    9   28    8   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  6   -0   11   24   10   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  7  203  205   64   12   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  8   -0   17   -0   16   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  9   -0  223   -0   18   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 10   -0   21   -0   20   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 11   63   -0   66   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 12   25   -0   62   60   -0   -0 -0. -0. -0. -0. -0. *000.  36.   0.  -0.
3 13   29   -0   68   58   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 14   31   55   72   54   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 15   33   53   74   52   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 16   35   51   76   50   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 17   41   45   82   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 18   43   -0  202   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 19   -0   47   80   46   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 20   -0   57   70   56   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 21   65   -0  146  144   -0   -0 -0. -0. -0. -0. -0. *000.  36.   0.  -0.
3 22   67   -0  100   98   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 23   69   97   -0   96   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 24   71   93  108   92   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 25   73   91   -0   90   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 26   75   89   -0   88    3  150 15. 15. -0. 15.  3.  -0.  -0.  -0.  -0.
3 27   77   87  110   86    1   60 28. 32. -0. 32.  3.  -0.  -0.  -0.  -0.
3 28   79   83  220   -0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 29   81  217  114  116    3  160  7.  7.  7.  7.  3.  -0.  -0.  -0.  -0.
3 30  227   85  112   84   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 31   -0   95  104   94   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 32  103  101   -0  106   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 33  113   -0  198  200   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 34   -0  115  126  118   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 35  121  117  124  120   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 36  123  127  130   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 37  125  132   -0  128   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 38   -0  137  140  136   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 39  141  143  150   -0    3  128 32. 32. 32. 32.  3.  -0.  -0.  -0.  -0.
3 40  145   -0  154  148   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 41  149  147  152   -0    3  128 32. 32. 32. 32.  3.  -0.  -0.  -0.  -0.
3 42  153   -0  216  162   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 43  157  161  222  160   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 44  189  173   -0  176   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 45   -0  175  180  178   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 46  201  181  214   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 47  195  187  186   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 48  191   -0  190  188   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 49  197  193  196   -0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 50   27   19  226  224   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 51  225   59   30   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 52  219   -0   -0  218   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 53   -0   49   78  232   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 54   99   -0  234  102   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
4N060.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 213 214 215 216  -0  -0  -0  -0  -0  -0  -0  -0
4OK60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4BE60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4DC60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 211 212 209 210  -0  -0  -0  -0  -0  -0  -0  -0
4ED60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 6 207 208 203 204  39  40  -0  -0  -0  -0  -0  -0
4ER60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4MC60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 6 207 208 203 204  39  40  -0  -0  -0  -0  -0  -0
```

```
4MO60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 213 214 215 216  -0  -0  -0  -0  -0  -0  -0  -0
4SH60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 205 206 215 216  -0  -0  -0  -0  -0  -0  -0  -0
4TV60.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4 176.18.-0. 4. 1. 1.-0.-0.33.67.-0.-0.-0. 9 -43 120-118-116 -82 -42 -15 -13  -1 121 122 119
4 276.18.-0. 4. 1. 1.45.45.10.-0.-0.-0.-0. 3-202 238 129-201 237 130  -0  -0  -0  -0  -0  -0
4 376.18.-0. 4. 1. 1.17.47.10.21. 4. 0.-0. 4 236 120-123 237 235 119-124 238  -0  -0  -0  -0
4 476.18.-0. 4. 1. 1.17.47.10.21. 4. 0.-0.-0 240 132 127 124 118-116-113 125 126 123 117 131
4 576.18.-0. 4. 1. 1.17.47.10.21. 4. 0.-0. 8 130 128 131 239 129 127 132 240  -0  -0  -0  -0
4 676.18.-0. 4. 1. 1.25.25.50.-0.-0.-0.-0. 5 -17 -41  81-218  84  47  48  79  80  82  -0  -0
4 773.24.-0. 4. 1. 2.22.23.28.23. 4.-0.-0. 5 -18 -35  75  87  85  77  78  49  50  86  88  76
4 873.24.-0. 4. 1. 2.-0.33. 9.33.25.-0.-0. 4-114 218  84 111 112  -0  -0  -0  -0  -0  -0  -0
4 976.18.-0. 4. 1. 1.34.-0.66.-0.-0.-0.-0. 4 112 133 109  86 134 110  85 111  -0  -0  -0  -0
41082.18.-0.-0.-0.-0.-0.88. 8. 4.-0.-0.-0. 5 110  88  90  92 107 217 218 109  87  89  91 108
41173.24.-0.-0.-0. 2. 6.30.24.34. 4. 2.-0. 6 -36  76  89  91  71  31  51  52  53  54  73  74
41273.24.-0.-0.-0. 2. 8.25.67.-0.-0.-0.-0. 8  32  72  93  95  97  67  29  57  69  70  55  56
41373.24.-0.-0.-0. 2. 9.82. 9.-0.-0.-0.-0. 4  68  30  60 -61  67  29  59  -0  -0  -0  -0  -0
41482.18.-0.-0.-0. 2. 8.50. 8.34.-0.-0.-0. 7 -94 -96 -98  99 101 105 108 103 104 101 102 100
41573.24.-0.-0.-0. 2.10.65. 7.16. 2.-0.-0. 3 100 102 106 219 220 105 101  99  -0  -0  -0  -0
41673.24.-0.-0.-0. 2.39.46. 7. 8.-0.-0.-0. 7 136-138 141-143-145-153-155 151 152 149 150 139
41773.24.-0.-0.-0. 2. 1.74.-0.14.11.-0.-0. 5-187-191-194 198 199 197 195 196 193 200  -0  -0
41873.24.-0.-0.-0. 2. 7.64.-0.29.-0.-0.-0. 7 173 175-177-183 186-188 189 174 176 185 190  -0
41973.24.-0.-0.-0. 2.27.31. 1.40. 1.-0.-0. 4 156 157 159 163 164 158  -0  -0  -0  -0  -0  -0
5NO51640.1704.      -0.      -0.     672.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5OK51100. 873.      -0.      -0.    6535.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5BE51127.1776.      -0.      -0.     154.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5DC5 324. 295.      -0.      -0.     665.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5ED51296.1374.      -0.      -0.     224.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5ER52369.2547.      -0.      -0.      33.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5MC5 421. 247.      -0.      -0.    3966.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5MO5 890.1055.      -0.      -0.     813.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5SH51771.1749.      -0.      -0.    1093.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5TV51472.1357.      -0.      -0.     142.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 141208.  -0.      60.      59.      -0.     798.      80.      -0.      -0.      28.  -0.    1375.
5 21 303.  -0.      -0.       2.     266.      -0.      -0.      -0.      -0.      -0.  -0.     230.
5 341048.  -0.     130.     130.       9.      -0.      -0.      -0.     227.      34.  -0.    8149.
5 44 500.  -0.      50.     100.      21.     189.      60.      -0.      -0.      -0.  -0.     230.
5 51 290.  -0.      -0.       2.     245.      -0.      -0.      -0.      -0.      -0.  -0.     230.
5 63 499.  -0.      -0.     171.      -0.      -0.      -0.     120.      -0.      -0.  -0.     397.
5 72 475.  -0.      93.    1133.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   67125.
5 86 425.  -0.      -0.       5.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   16975.
5 93 307.  -0.      -0.      -0.      -0.      -0.      -0.      95.      -0.      -0.  -0.     230.
51062086.  -0.    1153.     489.      -0.      -0.      -0.      -0.      -0.       3.  -0.   13298.
5112 855.  -0.       5.     716.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   18894.
5122 551.  -0.       8.    1246.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    4976.
5132 250.  -0.       4.      90.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    3774.
5142 307.  -0.      51.     579.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    4974.
5157 772.  -0.     848.     963.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   25205.
51676880.  -0.     251.    9740.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   40697.
5172 757.  -0.     918.     126.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   75094.
5182 428.  -0.      19.     320.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    3304.
51921202.  -0.      77.    1202.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   72352.
6WORK-HOME   .50 .50= 1  .5000  .0500= 2  .5000  .0500= 3  .0500  .5000= 4  .0500  .5000
6HOME        .50 .501-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6INDUSTRIAL  .50 .502-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6SHOPPING    .10 .103 6 2.0000 2.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6SERVICE     .10 .104 5  .0100  .01004 7  .3300  .33004 810.000010.0000=-0-0.0000-0.0000
6EXTERIOR    .50 .505-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6ADMINISTER  .50 .506-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6FLT.LINE    .50 .507-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6MILITARY    .50 .50010  .0020  .0020=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
7  1   42   411036. 434. 175. 227. 370. 264. 107. 138.  88. 101.
```

```
7  2   36   351432. 223. 335. 143. 643. 311.   65.   33.   77.   48.
7  3  226   225 737.  72. 210.  94. 343.  90.   33.   20.   12.    7.
7  4   26   251592. 106. 670. 412. 350. 160.   55.   38.   11.    2.
7  5  144   143 956.  92. 348. 260. 218. 130.   21.   33.   16.   22.
7  6  148  1471047.  45. 294. 263. 370. 120.   15.    9.   12.    9.
7  7  162   161 623.  58. 311. 167.  97.  48.   20.   19.   13.    6.
7  8  179   180 403.  26. 103.  71. 160.  69.    7.    6.    4.    9.
9 1.40 1.20 1.00 1.00 1.00 1.00 1.40 1.50 1.50 1.00 1.00 1.0010.001100.
1110331  -0.   -0.   -0.   -0.   -0.   -0.   17.   -0.   -0.   -0.    2.   -0.   -0. 378. 761.4319. 114.   -0.
        887.
1110341  -0.   -0.   -0.   -0.   -0.   26.   16.   -0.   -0.    1.   -0. 114.   -0.   54.   -0. 215.   -0.   -0.
        -0.
1110401   2.   -0.   -0.   -0.   -0.   -0. 790.    4.   -0.   10. 523. 713.    9.   22.   -0. 332. 917.   -0.
        149.
1110411  -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.   -0.
        -0.
  64313.0000   64810.0000  391748.0000  392236.0000
BOUNDS     64313.00   64810.00  391748.00  395283.68
T1=   3.870    T2=  28.663    T2-T1=  24.793
```

B. INITIALIZATION TINKER AFB

P.M. RUSH DESCRIPTIVE

B.1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

ZONE	CAPACITY	LENGTH	TRAVEL TIME	ALTERNATE TRAVEL TIME
NO	-0.	168.	1640.	1704.
OK	-0.	120.	1100.	873.
BE	-0.	123.	1127.	1776.
DC	-0.	42.	324.	295.
ED	-0.	170.	1296.	1374.
ER	-0.	247.	2369.	2547.
MC	-0.	61.	421.	247.
MO	-0.	164.	890.	1055.
SH	-0.	169.	1771.	1749.
TV	-0.	157.	1472.	1357.
1	1208.	460.	72.	72.
2	303.	275.	43.	43.
3	1048.	792.	124.	124.
4	500.	435.	68.	68.
5	290.	223.	35.	35.
6	499.	292.	46.	46.
7	475.	281.	44.	44.
8	425.	249.	39.	39.
9	307.	336.	52.	52.
10	2086.	2083.	325.	325.
11	855.	898.	140.	140.
12	551.	591.	92.	92.
13	250.	187.	29.	29.
14	307.	321.	50.	50.
15	772.	752.	117.	117.
16	6880.	1588.	248.	248.
17	757.	454.	71.	71.
18	428.	249.	39.	39.
19	1202.	610.	95.	95.

BATS MODEL OUTPUT 78/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	254.	18.	76.	255.	187.	40.	188.
INDS	0.	0.	11.	48.	0.	0.	0.
SHOP	110.	14.	62.	91.	64.	18.	72.
SERV	149.	35.	53.	175.	125.	59.	101.
EXTN	157.	0.	72.	67.	0.	0.	0.
ADMN	0.	10.	45.	42.	0.	0.	42.
FLTL	57.	30.	112.	18.	0.	47.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	34	7	0	3	3	0	0	0	0	47
OK	EXTN	327	72	0	33	31	0	0	0	0	463
BE	EXTN	8	2	0	1	1	0	0	0	0	12
DC	EXTN	33	7	0	3	3	0	0	0	0	46
ED	EXTN	11	2	0	1	1	0	0	0	0	15
ER	EXTN	2	0	0	0	0	0	0	0	0	2
MC	EXTN	198	43	0	20	19	0	0	0	0	280
MO	EXTN	41	9	0	4	4	0	0	0	0	58
SH	EXTN	55	12	0	6	5	0	0	0	0	78
TV	EXTN	7	2	0	1	1	0	0	0	0	11
1	SERV	100	45	11	16	53	38	18	31	3	315
2	HOME	14	129	9	38	129	95	20	95	0	529
3	SERV	130	68	16	24	81	57	27	46	16	465
4	SERV	85	35	8	13	42	30	14	24	0	251
5	HOME	13	125	9	37	126	92	20	93	0	515
6	SHOP	86	80	10	45	67	47	13	52	1	401
7	INDS	614	0	0	2	9	0	0	0	134	759
8	ADMN	3	0	1	6	6	0	0	6	34	56
9	SHOP	0	30	4	17	25	17	5	19	0	117
10	ADMN	822	0	9	38	36	0	0	36	27	968
11	INDS	361	0	0	1	3	0	0	0	38	403
12	INDS	627	0	0	1	4	0	0	0	10	642
13	INDS	47	0	0	0	1	0	0	0	8	56
14	INDS	316	0	0	1	3	0	0	0	10	330
15	FLTL	906	24	13	46	7	0	19	0	50	1065
16	FLTL	4996	34	18	65	10	0	27	0	81	5231
17	INDS	522	0	0	4	18	0	0	0	150	694
18	INDS	170	0	0	0	1	0	0	0	7	178
19	INDS	640	0	0	2	9	0	0	0	145	796
TOTAL		11168	726	108	428	698	376	163	402	714	14783

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	336	0	0	0	0	27	0	0	0	363
OK	EXTN	3268	0	0	0	0	258	0	0	0	3526
BE	EXTN	77	0	0	0	0	6	0	0	0	83
DC	EXTN	333	0	0	0	0	26	0	0	0	359
ED	EXTN	112	0	0	0	0	9	0	0	0	121
ER	EXTN	17	0	0	0	0	1	0	0	0	18
MC	EXTN	1983	0	0	0	0	156	0	0	0	2139
MO	EXTN	407	0	0	0	0	32	0	0	0	439
SH	EXTN	547	0	0	0	0	43	0	0	0	590
TV	EXTN	71	0	0	0	0	6	0	0	0	77
1	SERV	405	0	0	0	281	0	0	0	3	689
2	HOME	133	368	0	0	0	0	0	0	0	501
3	SERV	19	0	0	0	415	0	0	0	16	450
4	SERV	114	0	0	0	1	0	0	0	0	115
5	HOME	123	358	0	0	0	0	0	0	0	481
6	SHOP	9	0	0	240	0	0	0	0	1	250
7	INDS	62	0	29	0	0	0	0	0	134	225
8	ADMN	0	0	0	0	0	0	34	0	34	68
9	SHOP	0	0	0	190	0	0	0	0	0	190
10	ADMN	82	0	0	0	0	0	206	0	27	315
11	INDS	36	0	11	0	0	0	0	0	38	85
12	INDS	62	0	13	0	0	0	0	0	10	85
13	INDS	5	0	2	0	0	0	0	0	8	15
14	INDS	32	0	9	0	0	0	0	0	10	51
15	FLTL	90	0	0	0	0	0	0	239	50	379
16	FLTL	500	0	0	0	0	0	0	337	81	918
17	INDS	52	0	58	0	0	0	0	0	150	260
18	INDS	17	0	5	0	0	0	0	0	7	29
19	INDS	64	0	30	0	0	0	0	0	145	239
TOTAL		8956	726	157	430	697	564	240	576	714	13060

24.	9.	3.	6.	2.	1.	1.	0.	0.	0.
244.	83.	23.	61.	20.	15.	14.	3.	0.	0.
6.	2.	1.	2.	0.	0.	0.	0.	0.	0.
25.	7.	2.	6.	2.	2.	1.	0.	0.	0.
8.	3.	1.	2.	1.	0.	0.	0.	0.	0.
1.	0.	0.	0.	0.	0.	0.	0.	0.	0.
152.	45.	12.	35.	15.	11.	8.	2.	0.	0.
30.	10.	3.	8.	3.	2.	2.	0.	0.	0.
39.	15.	4.	10.	3.	2.	2.	1.	0.	0.
6.	2.	1.	1.	0.	0.	0.	0.	0.	0.
61.	43.	10.	20.	4.	3.	2.	3.	0.	0.
60.	45.	11.	24.	5.	4.	2.	4.	0.	0.
84.	59.	14.	28.	6.	4.	2.	5.	0.	0.
56.	36.	7.	14.	3.	2.	1.	2.	0.	0.
64.	44.	10.	20.	4.	3.	1.	3.	0.	0.
66.	50.	9.	15.	3.	2.	1.	2.	0.	0.
88.	276.	63.	98.	12.	7.	2.	4.	0.	0.
1.	1.	0.	0.	0.	0.	0.	0.	0.	0.
6.	13.	2.	3.	1.	0.	0.	0.	0.	0.
162.	309.	90.	139.	16.	10.	3.	6.	0.	0.
24.	146.	53.	83.	9.	5.	2.	1.	0.	0.
19.	147.	110.	246.	23.	13.	3.	1.	0.	0.
1.	5.	8.	24.	3.	2.	0.	0.	0.	0.
11.	63.	73.	116.	11.	7.	2.	1.	0.	0.
140.	151.	179.	289.	28.	16.	4.	5.	0.	0.

19.	151.	77.	1810.	1098.	928.	388.	5.	0.	0.
152.	102.	23.	46.	10.	7.	12.	115.	0.	0.
17.	15.	4.	9.	2.	2.	13.	90.	0.	0.
1.	7.	4.	43.	75.	105.	336.	3.	0.	0.
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	2	4	3	5	8	6	7	0	0
1	2	4	3	5	8	6	7	0	0
1	2	4	3	5	8	6	7	0	0
1	2	4	3	5	8	6	7	0	0
1	2	4	3	5	8	6	7	0	0
1	2	4	3	5	8	6	7	0	0
2	4	1	3	5	6	8	7	0	0
2	1	4	3	5	8	6	7	0	0
2	1	4	3	5	6	8	7	0	0
2	1	4	3	5	6	8	7	0	0
2	4	3	1	5	6	7	8	0	0
4	2	3	5	1	6	7	8	0	0
4	3	2	5	8	1	7	8	0	0
4	3	2	1	5	6	7	8	0	0
4	3	2	1	5	6	8	7	0	0
4	5	6	7	2	3	1	8	0	0
1	8	2	4	3	7	5	6	0	0
8	1	2	7	4	3	6	5	0	0
7	6	5	4	2	3	8	1	0	0
20	20	25	26	26	26	26	27	0	0
27	17	22	25	29	29	29	28	0	0
25	25	20	22	25	25	28	20	0	0
17	26	26	20	22	22	27	25	0	0
13	22	24	24	20	20	25	26	0	0
16	21	17	17	17	17	20	13	0	0
15	27	21	21	24	27	22	12	0	0
11	24	27	27	27	24	17	17	0	0
12	13	13	29	21	21	13	11	0	0
14	16	12	13	13	13	12	15	0	0
21	12	11	12	12	12	24	29	0	0
26	15	15	23	11	11	11	14	0	0
22	11	16	11	15	15	21	16	0	0
28	14	23	15	23	28	15	21	0	0
24	28	14	16	14	14	14	22	0	0
19	19	28	14	16	16	16	24	0	0
29	29	29	28	28	23	23	19	0	0
15	23	19	19	19	19	19	23	0	0
23	18	18	18	18	18	18	18	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

C.4. MATRIX ASSOCIATING ZONES WITH GATES

ZONE	GATE 1	GATE 2	GATE 3	GATE 4	GATE 5	GATE 6	GATE 7	GATE 8	GATE 9	GATE10
1	1	1	0	0	0	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0	0
3	1	1	0	0	0	0	0	0	0	0
4	1	1	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0
8	1	1	0	0	0	0	0	0	0	0
9	1	1	0	0	0	0	0	0	0	0
10	1	1	1	0	0	0	0	0	0	0
11	0	1	0	1	0	0	0	0	0	0
12	0	1	1	1	0	0	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0
14	0	0	1	1	0	0	0	0	0	0
15	1	1	1	1	0	0	0	0	0	0
16	0	1	0	1	1	1	1	0	0	0
17	1	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	1	0	0
19	0	0	0	0	0	0	1	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	10	2	0	1	1	0	0	0	0	14
OK	EXTN	100	22	0	10	9	0	0	0	0	141
BE	EXTN	2	1	0	0	0	0	0	0	0	3
DC	EXTN	10	2	0	1	1	0	0	0	0	14
ED	EXTN	3	1	0	0	0	0	0	0	0	4
ER	EXTN	1	0	0	0	0	0	0	0	0	1
MC	EXTN	61	13	0	6	6	0	0	0	0	86
MO	EXTN	13	3	0	1	1	0	0	0	0	18
SH	EXTN	17	4	0	2	2	0	0	0	0	25
TV	EXTN	2	1	0	0	0	0	0	0	0	3
1	SERV	1	14	3	5	17	12	6	10	1	69
2	HOME	0	40	3	12	40	30	6	30	0	161
3	SERV	1	21	5	8	25	18	8	14	5	105
4	SERV	1	11	3	4	13	9	4	8	0	53
5	HOME	0	39	3	12	39	29	6	29	0	157
6	SHOP	1	25	3	14	21	15	4	16	0	99
7	INDS	17	0	0	1	3	0	0	0	42	63
8	ADMN	0	0	0	2	2	0	0	2	11	17
9	SHOP	0	9	1	5	8	5	2	6	0	36
10	ADMN	8	0	3	12	11	0	0	11	8	53
11	INDS	2	0	0	0	1	0	0	0	12	15
12	INDS	0	0	0	0	1	0	0	0	3	4
13	INDS	1	0	0	0	0	0	0	0	3	4
14	INDS	378	0	0	0	1	0	0	0	3	382
15	FLTL	763	8	4	14	2	0	6	0	16	813
16	FLTL	4321	11	6	20	3	0	8	0	25	4394
17	INDS	114	0	0	1	8	0	0	0	47	168
18	INDS	2	0	0	0	0	0	0	0	2	4
19	INDS	887	0	0	1	3	0	0	0	45	936
TOTAL		6716	227	34	132	216	118	50	126	223	7842

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	105	0	0	0	0	8	0	0	0	113
OK	EXTN	1021	0	0	0	0	81	0	0	0	1102
BE	EXTN	24	0	0	0	0	2	0	0	0	26
DC	EXTN	104	0	0	0	0	8	0	0	0	112
ED	EXTN	35	0	0	0	0	3	0	0	0	38
ER	EXTN	5	0	0	0	0	0	0	0	0	5
MC	EXTN	620	0	0	0	0	49	0	0	0	669
MO	EXTN	127	0	0	0	0	10	0	0	0	137
SH	EXTN	171	0	0	0	0	13	0	0	0	184
TV	EXTN	22	0	0	0	0	2	0	0	0	24
1	SERV	106	0	0	0	86	0	0	0	1	193
2	HOME	35	113	0	0	0	0	0	0	0	148
3	SERV	5	0	0	0	127	0	0	0	5	137
4	SERV	30	0	0	0	0	0	0	0	0	30
5	HOME	32	110	0	0	0	0	0	0	0	142
6	SHOP	2	0	0	73	0	0	0	0	0	75
7	INDS	16	0	9	0	0	0	0	0	41	66
8	ADMN	0	0	0	0	0	0	10	0	10	20
9	SHOP	0	0	0	58	0	0	0	0	0	58
10	ADMN	23	0	0	0	0	0	63	0	8	94
11	INDS	13	0	3	0	0	0	0	0	12	28
12	INDS	24	0	4	0	0	0	0	0	3	31
13	INDS	3	0	1	0	0	0	0	0	2	6
14	INDS	16	0	3	0	0	0	0	0	3	22
15	FLTL	28	0	0	0	0	0	0	73	15	116
16	FLTL	168	0	0	0	0	0	0	103	25	296
17	INDS	13	0	18	0	0	0	0	0	46	77
18	INDS	5	0	2	0	0	0	0	0	2	9
19	INDS	22	0	9	0	0	0	0	0	44	75
TOTAL		2775	223	49	131	213	176	73	176	217	4033

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

D.1. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (PERSONS)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	7.	12.	3.	26.	1.	16.	2.	103.	1.	52.	0.	46.	0.	41.	0.	2.	0.	0.	
OK	70.	121.	25.	220.	8.	153.	20.	1013.	7.	519.	5.	464.	5.	392.	1.	22.	0.	0.	
BE	2.	3.	1.	6.	0.	4.	0.	24.	0.	12.	0.	11.	0.	9.	0.	1.	0.	0.	
DC	7.	14.	2.	17.	1.	17.	2.	99.	1.	56.	1.	50.	0.	40.	0.	2.	0.	0.	
ED	2.	4.	1.	8.	0.	5.	1.	35.	0.	18.	0.	16.	0.	13.	0.	1.	0.	0.	
ER	0.	0.	0.	1.	0.	1.	0.	5.	0.	2.	0.	2.	0.	2.	0.	0.	0.	0.	
MC	44.	82.	14.	99.	4.	104.	12.	577.	5.	346.	4.	304.	3.	240.	1.	12.	0.	0.	
MO	9.	15.	3.	28.	1.	19.	3.	126.	1.	64.	1.	58.	1.	49.	0.	3.	0.	0.	
SH	12.	19.	5.	43.	1.	26.	3.	167.	1.	85.	1.	75.	1.	67.	0.	4.	0.	0.	
TV	2.	3.	1.	5.	0.	3.	0.	22.	0.	11.	0.	10.	0.	8.	0.	0.	0.	0.	
1	8.	38.	5.	8.	1.	2.	3.	2.	1.	0.	0.	0.	0.	0.	0.	0.	56.	142.	
2	17.	28.	13.	7.	3.	1.	7.	2.	2.	0.	1.	0.	1.	0.	1.	0.	131.	109.	
3	12.	11.	8.	2.	2.	0.	4.	0.	1.	0.	1.	0.	0.	0.	1.	0.	86.	123.	
4	7.	9.	4.	2.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	43.	18.	
5	19.	28.	13.	6.	3.	1.	6.	1.	1.	0.	1.	0.	0.	0.	1.	0.	128.	105.	
6	11.	9.	8.	2.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	83.	62.	
7	3.	3.	8.	3.	2.	1.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	47.	60.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.	20.	
9	2.	5.	4.	3.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	31.	49.	
10	2.	5.	3.	3.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	45.	85.	
11	0.	1.	1.	2.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	13.	23.	
12	0.	1.	0.	3.	0.	2.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	4.	21.	
13	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	5.	
14	14.	1.	80.	2.	92.	2.	148.	2.	14.	0.	8.	0.	2.	0.	1.	0.	23.	16.	
15	125.	6.	135.	2.	160.	2.	258.	2.	25.	0.	15.	0.	4.	0.	5.	0.	88.	105.	
16	18.	2.	138.	6.	71.	2.	1661.	30.	1008.	13.	852.	10.	356.	5.	4.	0.	290.	228.	
17	35.	4.	24.	1.	5.	0.	11.	0.	2.	0.	2.	0.	3.	0.	27.	0.	60.	72.	
18	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	2.	7.	
19	2.	0.	10.	0.	5.	0.	63.	1.	111.	1.	154.	1.	494.	5.	5.	0.	94.	66.	

BATS MODEL OUTPUT 78/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	7	7	10	0	7	3	1	1	2	5	0	0	0	0	4	6	1	0	1	1	9	0	1	0	0	5	1	1	0
2	16	20	24	0	20	7	1	1	5	5	0	0	0	0	12	16	1	0	1	2	21	0	2	1	0	12	3	4	0
3	10	11	15	0	10	4	2	1	4	7	0	0	0	0	6	9	3	0	2	1	13	0	1	0	0	8	2	2	0
4	5	6	8	0	5	2	1	1	2	3	0	0	0	0	3	5	1	0	1	1	7	0	1	0	0	4	1	1	0
5	16	20	23	0	19	7	1	1	5	5	0	0	0	0	12	17	1	0	1	2	20	0	2	1	0	12	2	3	0
6	8	13	13	0	12	8	1	1	6	3	0	0	0	0	7	9	1	0	1	1	11	0	1	0	0	6	1	2	0
7	1	0	3	0	0	1	8	2	0	2	2	1	0	1	3	5	9	0	9	1	8	0	1	0	0	4	1	1	0
8	1	0	1	0	0	1	2	1	1	0	1	0	0	0	2	2	2	0	2	0	0	0	0	0	0	0	0	0	0
9	3	5	5	0	4	3	0	0	2	2	0	0	0	0	2	4	0	0	0	0	3	0	0	0	0	2	0	1	0
10	4	0	7	0	0	7	3	0	5	0	0	0	0	0	6	7	3	0	3	0	4	0	0	0	0	2	0	1	0
11	0	0	1	0	0	0	2	1	0	0	1	0	0	0	1	1	3	0	2	0	1	0	0	0	0	0	0	0	0
12	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
14	4	1	1	1	1	0	2	0	0	1	0	1	0	1	1	6	1	0	2	18	166	4	16	6	1	96	21	29	4
15	8	6	1	2	6	8	5	2	6	8	2	2	0	1	3	14	5	0	6	35	333	8	33	12		2197	41	57	7
16	43	20	5	12	18	12	13	2	9	17	6	9	1	7	13	70	12	2	15	191	*76	44	192	64		9*48	233	310	40
17	3	0	5	0	0	1	9	2	0	2	3	1	0	1	3	7	10	0	10	5	50	1	5	2	0	29	6	9	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
19	10	3	3	3	3	1	10	2	0	4	3	3	0	2	5	19	11	0	11	39	383	9	40	13		2238	48	64	8
NO	2	2	1	1	2	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	23	18	6	6	17	6	3	0	4	4	2	4	1	3	5	31	2	1	4	0	0	0	0	0	0	0	0	0	0
BE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	2	2	1	1	2	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	14	11	4	3	10	3	2	0	3	3	1	3	0	2	3	19	1	1	3	0	0	0	0	0	0	0	0	0	0
MO	3	2	1	1	2	1	0	0	1	1	0	1	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0	0	0
SH	4	3	1	1	3	1	1	0	1	1	0	1	0	1	1	5	0	0	1	0	0	0	0	0	0	0	0	0	0
TV	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

D.4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	0	0	8	2	0	2	2	1	0	1	3	5	9	0	9	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	2	1	0	0	1	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	1	0	0	1	0	0	0	1	1	3	0	2	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	3	1	0	1	1	0	0	0	1	2	3	0	3	0	0	0	0	0	0	0	0	0	0
16	0	0	1	0	0	0	5	1	0	1	1	0	0	0	2	3	5	0	5	0	0	0	0	0	0	0	0	0	0
17	0	0	1	0	0	0	9	2	0	2	3	1	0	1	3	5	10	0	10	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	0	9	2	0	2	2	1	0	1	3	5	10	0	9	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

E.1. MODAL SPLIT - VEHICLE LOAD FACTORS

ZONE	PERSONS PER VEHICLE	PERSONS PER MIL. VEHICLE	CIVILIAN VEH TRIPS ORG-GATE	CIVILIAN VEH TRIPS GATE-DEST	MILITARY VEH TRIPS ORG-GATE	MILITARY VEH TRIPS GATE-DEST	PERCENT MOTOR VEHICLES	PERCENT MILITARY VEHICLES	PERSON TRIPS FROM ORIGIN	PERSON TRIPS TO DEST.
NO	1.35800	1.35300	10.31	219.61	0.00	0.00	100.100	99.100	14.000	298.231
OK	1.35800	1.35300	103.83	2137.81	0.00	0.00	100.100	99.100	141.000	2903.146
BE	1.35800	1.35300	2.21	50.32	0.00	0.00	100.100	99.100	3.000	68.338
DC	1.35800	1.35300	10.31	217.57	0.00	0.00	100.100	99.100	14.000	295.466
ED	1.35800	1.35300	2.95	73.45	0.00	0.00	100.100	99.100	4.000	99.744
ER	1.35800	1.35300	.74	10.18	0.00	0.00	100.100	99.100	1.000	13.821
MC	1.35800	1.35300	63.33	1298.04	0.00	0.00	100.100	99.100	86.000	1762.742
MO	1.35800	1.35300	13.25	265.86	0.00	0.00	100.100	99.100	18.000	361.041
SH	1.35800	1.35300	18.41	357.63	0.00	0.00	100.100	99.100	25.000	485.661
TV	1.35800	1.35300	2.21	46.25	0.00	0.00	100.100	99.100	3.000	62.810
1	1.34000	1.16500	54.86	143.00	1.15	1.17	99.300	100.000	74.849	192.985
2	1.34000	1.45500	131.15	110.45	0.00	0.00	99.300	100.000	175.746	147.998
3	1.34000	1.35300	79.99	98.05	4.89	4.11	99.300	99.100	113.798	136.949
4	1.34000	1.35300	42.82	22.50	0.00	0.00	99.300	99.100	57.374	30.144
5	1.34000	1.35300	127.80	106.06	0.00	0.00	99.300	99.100	171.254	142.124
6	1.34000	1.47500	79.35	55.61	0.00	0.00	99.300	100.000	106.323	74.512
7	1.34000	1.34300	5.01	15.71	42.02	33.82	103.800	100.000	63.157	66.477
8	1.34000	1.21000	4.48	7.46	9.09	8.26	103.800	100.000	17.000	20.000
9	1.34000	1.46600	28.70	43.51	0.00	0.00	99.300	100.000	38.458	58.298
10	1.36400	1.48000	31.71	62.64	6.32	6.00	100.000	100.000	52.604	94.311
11	1.34000	1.29400	.86	10.09	10.63	11.40	99.000	100.000	14.901	28.262
12	1.34000	1.49200	.75	19.65	2.01	2.94	99.000	100.000	4.000	30.715
13	1.34000	1.49100	0.00	2.78	2.65	1.67	99.000	100.000	3.950	6.214
14	1.36400	1.32200	243.70	13.39	37.72	3.19	102.000	100.000	382.266	22.477
15	1.34000	1.40000	496.52	74.41	105.61	11.87	99.000	100.000	813.185	116.335
16	1.34000	1.42100	2998.36	196.68	266.74	22.84	99.000	100.000	4396.845	296.007
17	1.34000	1.37400	27.22	20.82	95.98	35.93	99.000	100.000	168.350	77.262
18	1.34000	1.34800	0.00	4.81	2.89	1.91	99.000	100.000	3.901	9.024
19	1.34000	1.26800	364.52	18.63	353.77	39.38	99.000	100.000	937.039	74.906

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

E.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	5.	9.	2.	19.	1.	12.	1.	76.	0.	38.	0.	34.	0.	30.	0.	2.	0.	0.	
OK	52.	89.	19.	162.	6.	113.	15.	747.	5.	382.	4.	342.	4.	289.	1.	16.	0.	0.	
BE	1.	2.	0.	4.	0.	3.	0.	18.	0.	9.	0.	8.	0.	7.	0.	0.	0.	0.	
DC	5.	10.	2.	13.	1.	13.	1.	73.	1.	42.	0.	37.	0.	29.	0.	1.	0.	0.	
ED	1.	3.	1.	6.	0.	4.	0.	26.	0.	13.	0.	11.	0.	10.	0.	1.	0.	0.	
ER	0.	0.	0.	1.	0.	1.	0.	4.	0.	2.	0.	2.	0.	1.	0.	0.	0.	0.	
MC	32.	61.	10.	73.	3.	77.	9.	425.	4.	255.	3.	224.	2.	177.	0.	9.	0.	0.	
MO	7.	11.	2.	20.	1.	14.	2.	93.	1.	47.	0.	42.	0.	36.	0.	2.	0.	0.	
SH	9.	14.	4.	32.	1.	19.	3.	123.	1.	62.	1.	55.	1.	49.	0.	3.	0.	0.	
TV	1.	2.	0.	4.	0.	2.	0.	16.	0.	8.	0.	7.	0.	6.	0.	0.	0.	0.	
1	6.	28.	4.	6.	1.	1.	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	42.	105.	
2	13.	21.	10.	5.	2.	1.	5.	1.	1.	0.	1.	0.	0.	0.	1.	0.	97.	81.	
3	9.	8.	6.	2.	1.	0.	3.	0.	1.	0.	0.	0.	0.	0.	0.	0.	64.	91.	
4	5.	7.	3.	1.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	32.	13.	
5	14.	21.	9.	5.	2.	1.	4.	1.	1.	0.	1.	0.	0.	0.	1.	0.	95.	78.	
6	8.	7.	6.	2.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	62.	46.	
7	2.	2.	6.	2.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	35.	45.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	16.	
9	1.	4.	3.	2.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.	36.	
10	1.	4.	2.	2.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.	62.	
11	0.	1.	1.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.	17.	
12	0.	1.	0.	3.	0.	2.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	3.	15.	
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	4.	
14	11.	1.	60.	1.	69.	1.	111.	1.	10.	0.	6.	0.	2.	0.	1.	0.	17.	12.	
15	92.	4.	99.	1.	117.	1.	190.	1.	18.	0.	11.	0.	3.	0.	3.	0.	65.	77.	
16	13.	2.	102.	4.	52.	2.	1222.	22.	741.	10.	627.	7.	262.	4.	3.	0.	213.	168.	
17	26.	3.	17.	1.	4.	0.	8.	0.	2.	0.	1.	0.	2.	0.	20.	0.	44.	53.	
18	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	1.	5.	
19	2.	0.	7.	0.	4.	0.	48.	1.	85.	1.	117.	1.	377.	4.	4.	0.	72.	51.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

F.1. CALIBRATION FACTORS (FACTOR=GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
.705	1.914	1.921	.708

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	5.	7.	3.	19.	2.	10.	2.	31.	1.	15.	1.	13.	1.	14.	0.	5.	0.	0.	
OK	49.	77.	30.	162.	15.	92.	25.	312.	9.	154.	7.	131.	9.	141.	3.	48.	0.	0.	
BE	1.	2.	1.	4.	0.	2.	1.	7.	0.	4.	0.	3.	0.	3.	0.	1.	0.	0.	
DC	5.	9.	3.	13.	1.	10.	3.	31.	1.	17.	1.	14.	1.	15.	0.	5.	0.	0.	
ED	1.	3.	1.	6.	0.	3.	1.	11.	0.	5.	0.	4.	0.	5.	0.	2.	0.	0.	
ER	0.	0.	0.	1.	0.	0.	0.	1.	0.	1.	0.	1.	0.	1.	0.	0.	0.	0.	
MC	31.	53.	17.	74.	9.	63.	15.	181.	7.	105.	5.	88.	6.	88.	2.	27.	0.	0.	
MO	6.	10.	4.	20.	2.	11.	3.	39.	1.	19.	1.	16.	1.	18.	0.	6.	0.	0.	
SH	8.	12.	6.	31.	3.	16.	4.	50.	1.	25.	1.	21.	2.	24.	1.	9.	0.	0.	
TV	1.	2.	1.	4.	0.	2.	1.	7.	0.	3.	0.	3.	0.	3.	0.	1.	0.	0.	
1	4.	29.	2.	13.	0.	5.	0.	4.	0.	1.	0.	0.	0.	1.	1.	1.	42.	105.	
2	8.	21.	5.	10.	1.	4.	1.	4.	0.	1.	0.	0.	0.	0.	2.	1.	97.	81.	
3	5.	8.	3.	3.	1.	1.	0.	1.	0.	0.	0.	0.	0.	0.	1.	0.	64.	91.	
4	3.	7.	2.	3.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	32.	13.	
5	9.	21.	5.	9.	1.	3.	1.	3.	0.	1.	0.	0.	0.	0.	2.	1.	95.	78.	
6	5.	7.	3.	4.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	1.	0.	62.	46.	
7	1.	2.	4.	3.	1.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	35.	45.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	16.	
9	1.	3.	1.	4.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	23.	36.	
10	1.	3.	1.	4.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	33.	62.	
11	0.	1.	0.	2.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	10.	17.	
12	0.	1.	0.	3.	0.	3.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	3.	15.	
13	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	2.	4.	
14	11.	0.	48.	2.	48.	3.	26.	2.	2.	0.	1.	0.	0.	0.	3.	0.	17.	12.	
15	81.	3.	70.	2.	71.	4.	38.	3.	3.	0.	2.	0.	1.	0.	11.	0.	65.	77.	
16	27.	1.	170.	3.	75.	3.	584.	28.	311.	15.	248.	11.	131.	10.	26.	0.	213.	168.	
17	9.	2.	5.	1.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	26.	1.	44.	53.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	5.	
19	3.	0.	12.	0.	6.	0.	22.	1.	35.	1.	45.	1.	183.	7.	28.	0.	72.	51.	

===BATS MODEL OUTPUT=== 76/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

G.1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIMES

ZONE	ASSGN. VEH. ORG. TO GATES	ASSGN. VEH. GATES TO DEST.	ASSGN. VEH. INTERNAL O-D	ASSIGNMENT TIME	TOTAL TIME	NO. PATHS FOLLOWED
1	7.290	53.418	34.504	4.355	46.332	98
2	17.257	40.613	81.193	.757	47.089	106
3	10.714	14.591	51.567	.830	47.919	117
4	5.544	12.710	28.428	.617	48.536	122
5	16.682	38.853	79.078	.659	49.195	130
6	8.995	13.094	53.584	.609	49.804	137
7	6.288	6.898	37.113	.613	50.417	146
8	0.000	0.000	13.885	.315	50.732	151
9	2.676	9.731	18.180	.597	51.329	160
10	2.861	9.569	34.685	.526	51.855	170
11	.762	5.623	11.666	.513	52.368	174
12	0.000	10.003	2.390	.461	52.829	178
13	.332	1.220	2.404	.587	53.416	186
14	140.034	6.855	17.015	.636	54.052	201
15	277.160	11.770	65.284	.566	54.618	216
16	1572.666	70.589	169.342	1.025	55.643	226
17	41.176	5.439	46.257	.648	56.291	226
18	.734	2.114	2.039	.576	56.867	226
19	334.627	9.710	70.893	.992	57.859	246

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	19.82	0.00	0.00	19.82	0.00	15.84	3.76	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	.93	1.16
2	202.22	202.22	0.00	0.00	0.00	161.61	38.38	0.00	1.21	.20	.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	220.61	0.00	220.61	0.00	0.00	176.31	41.87	0.00	1.32	.22	.88	0.00	0.00	0.00	0.00	0.00	0.00	6.33	7.97
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	26.29	0.00	0.00	26.29	0.00	21.01	4.99	0.00	.16	.03	.11	0.00	0.00	0.00	0.00	0.00	0.00	3.78	4.73
10	67.42	67.42	0.00	0.00	0.00	53.88	12.80	0.00	.40	.07	.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	45.70	26.29	0.00	19.41	0.00	36.52	8.67	0.00	.27	.05	.18	0.00	0.00	0.00	0.00	0.00	0.00	10.50	13.14
12	117.84	117.84	0.00	0.00	0.00	94.18	22.37	0.00	.71	.12	.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	*52.83	*33.10	0.00	19.74	0.00	*01.27	237.80	0.00	7.51	1.25	5.01	0.00	0.00	0.00	0.00	0.00	0.00	.93	1.16
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	*52.83	*52.83	0.00	0.00	0.00	*01.27	237.80	0.00	7.51	1.25	5.01	0.00	0.00	0.00	0.00	0.00	0.00	.93	1.16
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	*41.60	*43.78	80.11	17.70	0.00	992.02	235.60	0.00	7.72	1.30	4.97	0.00	0.00	0.00	0.00	0.00	0.00	3.99	4.02
18	202.23	77.75	124.48	0.00	0.00	157.44	40.09	0.00	1.17	.20	1.46	.58	.70	.07	.52	.01	.00	29.37	44.63
19	*47.12	852.17	191.32	3.63	0.00	836.86	198.75	0.00	6.28	1.05	4.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	101.63	71.78	29.85	0.00	0.00	81.23	19.29	0.00	.61	.10	.41	0.00	0.00	0.00	0.00	0.00	0.00	1.57	1.98
21	503.16	497.43	0.00	5.74	0.00	402.13	95.51	0.00	3.02	.50	2.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	141.66	0.00	141.66	0.00	0.00	113.22	26.89	0.00	.85	.14	.57	0.00	0.00	0.00	0.00	0.00	0.00	.46	.58
23	19.41	19.41	0.00	0.00	0.00	15.51	3.68	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	6.72	8.41
24	50.43	0.00	50.43	0.00	0.00	40.30	9.57	0.00	.30	.05	.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	53.58	28.30	25.27	0.00	0.00	35.65	10.52	0.00	.57	.11	.73	1.51	2.66	.84	.92	.07	.01	0.00	0.00
26	670.00	50.43	69.88	549.69	0.00	535.46	127.17	0.00	4.02	.67	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	30.47	11.95	17.07	1.45	0.00	24.35	5.78	0.00	.18	.03	.12	0.00	0.00	0.00	0.00	0.00	0.00	3.78	4.73
28	325.39	257.97	67.42	0.00	0.00	260.05	61.76	0.00	1.95	.33	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	468.11	232.25	218.91	0.00	16.94	288.39	83.32	0.00	5.56	1.11	5.45	13.33	29.04	8.17	14.13	2.56	.11	196.23	197.83
30	339.54	125.39	213.97	0.00	.17	202.57	58.80	0.00	.40	.08	4.94	15.86	34.63	4.06	17.21	.82	.00	146.56	169.28
31	4.15	0.00	0.00	4.15	0.00	.01	.00	0.00	0.00	0.00	.00	1.27	1.50	.15	1.20	.03	.00	1.96	2.19
32	2.72	0.00	0.00	0.00	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	132.42	53.86	0.00	78.56	0.00	94.67	25.75	0.00	2.24	.44	1.37	1.41	3.05	1.37	1.86	.23	.03	18.58	31.11
36	335.00	0.00	70.78	264.22	0.00	267.73	63.59	0.00	2.01	.33	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	270.01	97.30	2.09	142.20	28.42	193.08	45.86	0.00	1.45	.24	.97	0.00	0.00	0.00	0.00	0.00	0.00	28.28	35.42
40	136.16	0.00	0.00	0.00	136.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	117.78	117.78	0.00	0.00	0.00	86.71	20.87	0.00	4.24	.85	.65	.43	2.25	.61	.95	.24	.01	3.99	4.02
42	223.04	56.05	60.04	106.96	0.00	174.07	44.04	0.00	1.29	.22	1.54	.58	.70	.07	.52	.01	.00	17.85	30.19
43	23.28	23.28	0.00	0.00	0.00	18.60	4.42	0.00	.14	.02	.09	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.35
44	109.45	0.00	54.81	54.64	0.00	87.47	20.77	0.00	.66	.11	.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	81.92	0.00	81.92	0.00	0.00	60.37	16.28	0.00	1.30	.26	.82	.33	1.24	.44	.70	.18	.00	30.45	51.47
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	20.40	0.00	0.00	0.00	20.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	16.46	14.70	0.00	1.76	0.00	.18	.06	0.00	.01	.00	.00	4.87	5.61	1.02	4.54	.17	.00	7.81	8.65
51	205.34	20.40	182.87	2.07	0.00	125.11	41.13	0.00	.29	.06	3.43	10.42	11.90	5.30	7.04	.67	.00	101.21	102.06
52	93.83	91.39	0.00	0.00	2.44	55.15	16.27	0.00	.36	.07	1.09	5.46	6.71	1.11	5.01	.15	.00	25.82	39.13
53	213.66	205.12	0.00	0.00	8.54	125.10	41.13	0.00	.29	.06	3.43	10.41	11.84	5.25	6.97	.66	0.00	101.11	101.94
54	91.49	85.24	3.54	2.72	0.00	55.16	16.27	0.00	.36	.07	1.09	5.47	6.74	1.13	5.05	.16	.00	25.87	39.19
55	216.16	213.66	0.00	2.50	0.00	129.32	42.51	0.00	.29	.06	3.54	10.73	13.43	6.53	8.78	.87	.11	105.37	106.23
56	89.39	89.39	0.00	0.00	0.00	51.15	15.06	0.00	.36	.07	.98	6.66	7.82	1.00	6.10	.18	.00	27.84	41.37
57	218.95	216.16	0.00	2.79	0.00	131.11	43.11	0.00	.29	.06	3.59	10.85	13.59	6.55	8.83	.87	.11	105.37	106.23
58	89.39	0.00	0.00	89.39	0.00	51.15	15.06	0.00	.36	.07	.98	6.66	7.82	1.00	6.10	.18	.00	27.84	41.37
59	525.25	0.00	88.97	434.71	1.57	336.09	99.89	0.00	5.23	1.05	6.92	16.19	31.68	9.09	14.96	2.49	.09	245.41	247.42
60	214.04	0.00	146.46	67.58	0.00	122.34	36.40	0.00	.25	.05	2.91	13.94	22.52	2.46	12.73	.46	.00	85.10	105.41
61	174.77	0.00	0.00	174.77	0.00	97.60	30.42	0.00	.14	.02	2.33	14.14	17.34	1.81	10.71	.26	.00	52.03	70.91
62	*05.96	606.03	0.00	499.92	0.00	722.96	228.28	0.00	4.66	.93	17.77	37.71	56.38	11.98	22.68	2.53	.08	547.61	552.15
63	16.86	16.86	0.00	0.00	0.00	13.48	3.20	0.00	.10	.02	.07	0.00	0.00	0.00	0.00	0.00	0.00	7.49	9.37
64	319.49	294.75	24.73	0.00	0.00	255.34	60.64	0.00	1.92	.32	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	158.53	141.01	17.51	0.00	0.00	126.69	30.09	0.00	.95	.16	.63	0.00	0.00	0.00	0.00	0.00	0.00	7.95	9.95
66	822.65	319.49	0.00	503.16	0.00	657.46	156.15	0.00	4.93	.82	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	234.67	34.74	199.93	0.00	0.00	157.28	40.22	0.00	5.27	1.05	1.85	2.50	17.40	1.70	5.55	1.85	.00	92.09	92.83
68	253.32	250.03	0.00	.04	3.25	151.50	43.76	0.00	.04	.01	3.96	9.20	26.80	3.06	11.11	.64	0.00	118.68	127.87
69	2.79	0.00	0.00	2.79	0.00	1.80	.59	0.00	0.00	0.00	.05	.13	.15	.02	.05	.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	7.35	3.34	0.00	1.51	2.50	2.27	.64	0.00	0.00	0.00	.06	.18	1.18	.13	.35	.03	0.00	.62	.69
72	.58	0.00	0.00	0.00	.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	55.92	0.00	47.17	3.53	5.22	38.04	9.00	0.00	1.84	.37	.24	.03	.82	.07	.21	.07	.00	0.00	0.00
76	159.02	146.56	.56	0.00	11.90	93.40	25.50	0.00	.82	.16	2.11	2.28	14.76	2.05	5.28	.75	.00	69.91	77.22
77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	86.95	69.75	17.20	0.00	0.00	64.08	17.50	0.00	1.30	.26	.92	.33	1.24	.44	.70	.18	.00	32.25	54.70
80	12.99	0.00	0.00	0.00	12.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81	155.02	4.09	120.58	15.06	15.29	103.58	24.90	0.00	5.01	1.00	.76	.43	2.25	.61	.95	.24	.01	13.35	23.89
82	318.97	217.36	81.92	0.00	19.69	199.92	58.41	0.00	2.94	.59	3.96	4.22	19.36	2.26	6.30	1.33	.00	127.36	171.92
83	268.01	255.47	7.27	5.28	0.00	176.57	44.03	0.00	7.43	1.49	1.87	2.91	22.86	1.55	6.63	2.68	.01	92.74	99.22
84	173.88	146.28	22.35	0.00	5.25	89.19	26.06	0.00	1.96	.39	1.72	8.70	22.02	7.20	9.65	1.65	.08	72.45	88.59
85	279.88	267.48	0.00	5.99	6.40	176.64	44.09	0.00	7.43	1.49	1.88	2.91	24.61	2.03	8.38	4.01	.01	95.49	101.93
86	149.61	126.12	0.00	0.00	23.50	69.43	21.31	0.00	.82	.16	1.58	5.08	18.23	2.58	5.85	.99	.08	56.30	67.34
87	253.69	245.81	0.00	6.28	1.59	173.08	43.13	0.00	7.31	1.46	1.83	2.12	14.20	1.23	5.36	2.36	.00	84.33	85.43
88	130.63	28.23	0.00	100.45	1.94	70.58	21.57	0.00	.86	.17	1.58	5.17	19.14	2.68	5.86	.99	.08	57.32	68.89
89	255.08	204.11	50.97	0.00	0.00	172.79	42.51	0.00	5.51	1.10	2.44	2.57	16.91	1.65	7.30	2.28	.00	109.25	110.65
90	31.77	28.23	0.00	0.00	3.53	10.97	3.45	0.00	.04	.01	.28	3.62	6.98	.80	1.91	.17	0.00	11.04	15.39
91	273.36	251.74	0.00	0.00	21.62	172.34	42.41	0.00	5.51	1.10	2.44	2.54	14.86	1.63	6.91	1.99	.00	107.77	108.80
92	37.40	36.82	0.00	.58	0.00	15.25	4.84	0.00	.04	.01	.39	4.52	8.53	.94	2.68	.19	0.00	14.03	21.57
93	202.32	199.33	0.00	2.98	0.00	137.06	34.48	0.00	5.27	1.05	1.32	1.73	14.28	1.17	4.04	1.89	.00	81.52	82.65
94	38.59	35.58	3.01	0.00	0.00	16.05	4.97	0.00	.04	.01	.41	4.54	8.69	.92	2.78	.19	0.00	14.12	21.75
95	199.93	199.93	0.00	0.00	0.00	137.06	34.48	0.00	5.27	1.05	1.32	1.72	12.39	1.10	3.80	1.73	.00	80.56	81.21
96	35.58	35.58	0.00	0.00	0.00	14.30	4.59	0.00	.04	.01	.36	4.47	8.27	.85	2.49	.19	0.00	13.73	21.09
97	201.53	199.93	0.00	0.00	1.60	137.06	34.48	0.00	5.27	1.05	1.32	1.72	12.39	1.10	3.80	1.73	.00	80.56	81.21
98	38.37	0.00	0.00	38.37	0.00	16.10	5.18	0.00	.04	.01	.41	4.60	8.42	.87	2.55	.19	0.00	13.73	21.09
99	36.46	0.00	0.00	0.00	36.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	218.02	214.91	0.00	1.60	1.51	136.77	39.03	0.00	0.00	0.00	3.58	4.86	20.67	2.59	8.56	.45	0.00	107.13	109.39
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	96.17	0.00	0.00	96.17	0.00	61.92	17.39	0.00	0.00	0.00	1.61	1.42	9.15	1.12	3.36	.20	0.00	47.59	48.58
103	3.01	0.00	0.00	0.00	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	32.78	0.00	32.78	0.00	0.00	22.28	4.95	0.00	0.00	0.00	.54	.38	2.32	.55	1.70	.04	.02	16.35	16.44
106	3.34	0.00	0.00	0.00	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	6.32	0.00	0.00	3.34	2.98	1.29	.42	0.00	0.00	0.00	.04	.16	1.03	.11	.25	.03	0.00	.62	.69
108	73.22	0.00	.27	72.95	0.00	49.65	11.22	0.00	.24	.05	1.15	.88	5.19	1.16	3.49	.15	.03	36.47	36.74
109	7.31	0.00	0.00	0.00	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	4.95	0.00	.91	0.00	4.04	.70	.16	0.00	.04	.01	.00	0.00	0.00	0.00	0.00	0.00	0.00	.32	.59
111	28.35	0.00	0.00	0.00	28.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	.53	0.00	0.00	.53	0.00	.40	.10	0.00	.02	.00	.00	0.00	0.00	0.00	0.00	0.00	0.00	.19	.34
113	69.58	65.60	3.97	0.00	0.00	25.71	7.74	0.00	.28	.06	.59	.62	25.63	.25	5.10	3.60	.00	29.39	35.61
114	58.10	9.21	37.06	11.83	0.00	12.93	3.46	0.00	.46	.09	.18	5.27	21.40	4.59	7.17	2.50	.05	25.24	26.94
115	339.70	255.61	0.00	84.09	0.00	254.92	60.38	0.00	13.42	2.68	1.68	.91	2.52	.97	2.01	.21	.01	81.10	98.21
116	186.18	0.00	12.31	173.87	0.00	136.11	37.26	0.00	3.55	.71	2.01	.99	3.08	.58	1.54	.35	.00	69.19	116.99
117	255.61	112.54	53.42	75.85	13.81	180.05	42.64	0.00	9.48	1.90	1.18	.90	2.48	.96	1.99	.21	.01	59.77	73.22
118	120.16	120.16	0.00	0.00	0.00	86.17	23.46	0.00	2.28	.46	1.24	.99	3.08	.58	1.54	.35	.00	44.74	75.43
119	160.22	0.00	0.00	0.00	160.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	43.03	43.03	0.00	0.00	0.00	28.42	7.57	0.00	.81	.16	.38	.93	2.65	.51	1.34	.26	.00	16.10	26.93
121	30.73	10.29	0.00	20.44	0.00	22.77	5.97	0.00	.72	.14	.27	.07	.44	.07	.20	.09	0.00	11.45	19.29
122	53.42	0.00	0.00	0.00	53.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	90.32	45.88	44.45	0.00	0.00	69.13	16.37	0.00	3.64	.73	.45	0.00	0.00	0.00	0.00	0.00	0.00	21.05	28.46
124	86.73	0.00	53.92	32.81	0.00	65.84	17.23	0.00	2.38	.48	.79	0.00	0.00	0.00	0.00	0.00	0.00	32.16	54.57
125	84.09	0.00	32.52	38.85	12.71	54.63	12.94	0.00	2.88	.58	.36	0.00	0.00	0.00	0.00	0.00	0.00	14.47	18.06
126	66.02	0.00	66.02	0.00	0.00	49.94	13.80	0.00	1.26	.25	.76	0.00	0.00	0.00	0.00	0.00	0.00	24.45	41.57
127	61.34	17.25	11.57	0.00	32.52	22.05	5.22	0.00	1.16	.23	.15	0.00	0.00	0.00	0.00	0.00	0.00	10.66	18.15
128	8.34	0.00	0.00	8.34	0.00	6.38	1.51	0.00	.34	.07	.04	0.00	0.00	0.00	0.00	0.00	0.00	3.09	5.25
129	68.16	0.00	0.00	0.00	68.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	23.26	8.63	0.00	0.00	14.63	6.60	1.56	0.00	.35	.07	.04	0.00	0.00	0.00	0.00	0.00	0.00	3.20	5.43
131	38.85	0.00	0.00	0.00	38.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	43.97	0.00	43.97	0.00	0.00	33.15	9.41	0.00	.70	.14	.56	0.00	0.00	0.00	0.00	0.00	0.00	16.27	27.70
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	*05.96	0.00	*05.96	0.00	0.00	722.96	228.28	0.00	4.66	.93	17.77	37.71	56.38	11.98	22.68	2.53	.08	547.61	552.15
136	174.77	54.16	0.00	0.00	120.61	24.01	6.23	0.00	.14	.02	.31	6.02	7.76	.35	9.05	.26	.00	16.98	19.85
137	*05.96	*05.96	0.00	0.00	0.00	722.96	228.28	0.00	4.66	.93	17.77	37.71	56.38	11.98	22.68	2.53	.08	547.61	552.15
138	54.16	0.00	54.16	0.00	0.00	24.01	6.23	0.00	.14	.02	.31	6.02	7.76	.35	9.05	.26	.00	16.98	19.85
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	209.58	30.01	0.00	179.57	0.00	129.17	40.80	0.00	.14	.02	3.19	11.02	13.66	1.25	10.08	.26	.00	94.37	97.88
142	*05.96	0.00	0.00	*05.96	0.00	722.96	228.28	0.00	4.66	.93	17.77	37.71	56.38	11.98	22.68	2.53	.08	547.61	552.15
143	19.99	0.00	3.75	16.24	0.00	12.99	4.06	0.00	.11	.02	.31	.82	1.06	.18	.42	.02	.00	0.00	0.00
144	366.16	0.00	52.43	313.73	0.00	292.64	69.50	0.00	2.19	.37	1.46	0.00	0.00	0.00	0.00	0.00	0.00	.73	.92
145	193.44	180.92	12.52	0.00	0.00	154.60	36.72	0.00	1.16	.19	.77	0.00	0.00	0.00	0.00	0.00	0.00	5.28	6.61
146	512.41	508.92	0.00	3.49	0.00	409.52	97.26	0.00	3.07	.51	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	14.22	0.00	2.13	12.09	0.00	9.06	2.86	0.00	.06	.01	.22	.65	.82	.12	.40	.01	.00	0.00	0.00
148	294.00	0.00	49.94	244.06	0.00	234.97	55.80	0.00	1.76	.29	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	248.76	105.81	0.00	127.59	15.36	142.91	46.84	0.00	.01	.00	3.91	12.60	15.03	1.45	10.41	.24	.00	114.19	117.52

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
150	*92.20	*02.21	189.99	0.00	0.00	838.34	266.43	0.00	4.55	.91	20.97	47.30	67.45	12.98	30.49	2.69	.08	642.22	647.53
151	210.42	0.00	0.00	199.36	11.06	116.40	38.24	0.00	.00	.00	3.19	12.69	14.94	1.20	12.43	.28	.00	96.78	99.86
152	746.34	551.10	169.49	0.00	25.74	437.52	142.52	0.00	.66	.13	11.71	36.99	48.19	8.13	33.00	1.71	.05	358.70	361.58
153	230.86	214.52	16.34	0.00	0.00	184.50	43.82	0.00	1.38	.23	.92	0.00	0.00	0.00	0.00	0.00	0.00	2.85	3.57
154	270.83	268.34	0.00	2.48	0.00	216.44	51.41	0.00	1.62	.27	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	193.75	0.00	193.75	0.00	0.00	77.94	24.31	0.00	.66	.13	1.85	21.70	30.16	5.38	29.86	1.71	.05	91.56	92.19
156	199.36	0.00	159.47	0.00	39.89	107.78	35.40	0.00	.00	.00	2.95	5.07	6.20	.92	1.14	.00	.00	79.38	80.06
157	159.47	27.74	0.00	131.73	0.00	107.78	35.40	0.00	.00	.00	2.95	5.07	6.20	.92	1.14	.00	.00	79.38	80.06
158	205.29	0.00	0.00	193.75	11.54	77.94	24.31	0.00	.66	.13	1.85	21.70	30.16	5.38	29.86	1.71	.05	91.56	92.19
159	7.02	0.00	0.00	0.00	7.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	221.77	183.44	38.32	0.00	0.00	79.19	26.03	0.00	0.00	0.00	2.17	28.33	39.68	1.05	43.20	2.13	0.00	110.50	111.26
161	18.71	6.94	9.86	1.90	0.00	9.47	2.99	0.00	.07	.01	.23	1.68	2.05	.14	2.01	.06	.00	0.00	0.00
162	311.00	0.00	55.51	255.49	0.00	248.55	59.03	0.00	1.86	.31	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	221.77	0.00	0.00	221.77	0.00	79.19	26.03	0.00	0.00	0.00	2.17	28.33	39.68	1.05	43.20	2.13	0.00	110.50	111.26
165	67.97	0.00	0.00	67.97	0.00	30.93	10.05	0.00	.06	.01	.82	4.67	12.76	.29	7.14	1.23	.00	32.89	33.14
166	12.10	0.00	0.00	12.10	0.00	.41	.12	0.00	.01	.00	.01	3.08	3.64	.12	4.58	.13	.00	5.75	6.15
167	67.97	0.00	67.97	0.00	0.00	30.93	10.05	0.00	.06	.01	.82	4.67	12.76	.29	7.14	1.23	.00	32.89	33.14
168	12.10	0.00	12.10	0.00	0.00	.41	.12	0.00	.01	.00	.01	3.08	3.64	.12	4.58	.13	.00	5.75	6.15
169	67.97	0.00	67.97	0.00	0.00	30.93	10.05	0.00	.06	.01	.82	4.67	12.76	.29	7.14	1.23	.00	32.89	33.14
170	12.10	0.00	0.00	12.10	0.00	.41	.12	0.00	.01	.00	.01	3.08	3.64	.12	4.58	.13	.00	5.75	6.15
171	12.10	0.00	0.00	12.10	0.00	.41	.12	0.00	.01	.00	.01	3.08	3.64	.12	4.58	.13	.00	5.75	6.15
172	67.97	0.00	0.00	67.97	0.00	30.93	10.05	0.00	.06	.01	.82	4.67	12.76	.29	7.14	1.23	.00	32.89	33.14
173	68.30	54.02	12.30	0.00	1.97	29.69	9.65	0.00	.06	.01	.79	4.67	12.78	.29	7.16	1.23	.00	32.17	32.41
174	12.10	0.00	12.10	0.00	0.00	.41	.12	0.00	.01	.00	.01	3.08	3.64	.12	4.58	.13	.00	5.75	6.15
175	54.35	0.00	0.00	54.35	0.00	27.88	9.16	0.00	0.00	0.00	.76	4.59	5.67	.29	5.86	.14	0.00	27.07	27.28
176	12.15	10.82	0.00	0.00	1.33	.28	.09	0.00	0.00	0.00	.01	2.79	3.30	.10	4.14	.12	0.00	5.13	5.49
177	5.63	0.00	5.63	0.00	0.00	3.57	.89	0.00	.16	.03	.03	.02	.66	.02	.14	.10	.00	0.00	0.00
178	57.77	10.62	47.15	0.00	0.00	18.53	5.39	0.00	.27	.05	.39	3.26	19.71	.35	7.45	2.37	.00	27.28	30.49
179	103.00	0.00	103.00	0.00	0.00	82.32	19.55	0.00	.62	.10	.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	7.16	0.00	1.53	5.63	0.00	4.37	1.15	0.00	.16	.03	.05	.07	.93	.02	.28	.10	.00	0.00	0.00
181	103.00	0.00	91.65	11.35	0.00	82.32	19.55	0.00	.62	.10	.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
182	7.00	0.00	0.00	7.00	0.00	5.59	1.33	0.00	.04	.01	.03	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.35
183	5.63	0.00	5.63	0.00	0.00	3.57	.89	0.00	.16	.03	.03	.02	.66	.02	.14	.10	.00	0.00	0.00
184	57.77	0.00	0.00	57.77	0.00	18.53	5.39	0.00	.27	.05	.39	3.26	19.71	.35	7.45	2.37	.00	27.28	30.49
185	61.98	0.00	0.00	57.77	4.20	18.53	5.39	0.00	.27	.05	.39	3.26	19.71	.35	7.45	2.37	.00	27.28	30.49
186	6.64	6.64	0.00	0.00	0.00	3.57	.89	0.00	.16	.03	.03	.12	1.32	.09	.32	.12	.00	.51	.51
187	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
188	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
189	.18	0.00	0.00	.18	0.00	.14	.03	0.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11
190	12.30	12.30	0.00	0.00	0.00	1.81	.48	0.00	.06	.01	.02	.10	7.33	.00	1.39	1.09	.00	5.26	5.29
191	.18	.18	0.00	0.00	0.00	.14	.03	0.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11
192	12.30	0.00	0.00	12.30	0.00	1.81	.48	0.00	.06	.01	.02	.10	7.33	.00	1.39	1.09	.00	5.26	5.29
193	12.30	0.00	1.62	0.00	10.68	1.23	.29	0.00	.06	.01	.01	.00	.00	.00	.00	.00	.00	0.00	0.00
194	.18	0.00	.18	0.00	0.00	.14	.03	0.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11
195	61.98	61.98	0.00	0.00	0.00	21.50	6.37	0.00	.27	.05	.47	3.27	19.82	.35	7.50	2.37	.00	28.61	32.77
196	6.64	5.31	0.00	0.00	1.34	3.21	.77	0.00	.16	.03	.02	.11	.70	.09	.20	.02	.00	.51	.51
197	78.51	38.62	0.00	.18	39.71	19.41	5.67	0.00	.28	.06	.41	.40	9.18	.25	1.99	1.16	.00	17.39	20.81
198	14.61	14.61	0.00	0.00	0.00	5.68	1.47	0.00	.23	.05	.07	.17	5.14	.09	1.04	.68	.00	4.22	4.48
199	3.97	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO1545. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
200	43.49	0.00	0.00	43.49	0.00	7.24	2.00	0.00	.23	.05	.11	5.10	16.26	4.50	6.13	1.81	.05	21.02	22.47
201	23.28	16.99	0.00	6.28	0.00	18.60	4.42	0.00	.14	.02	.09	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.35
202	109.45	109.45	0.00	0.00	0.00	87.47	20.77	0.00	.66	.11	.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
203	40.50	16.86	23.63	0.00	0.00	32.36	7.69	0.00	.24	.04	.16	0.00	0.00	0.00	0.00	0.00	0.00	17.99	22.51
204	294.75	0.00	0.00	0.00	294.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	22.07	22.07	0.00	0.00	0.00	17.64	4.19	0.00	.13	.02	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
206	142.58	0.00	0.00	0.00	142.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
207	4.18	4.18	0.00	0.00	0.00	3.34	.79	0.00	.03	.00	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
208	257.97	0.00	0.00	0.00	257.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	18.48	0.00	.09	18.39	0.00	14.77	3.51	0.00	.11	.02	.07	0.00	0.00	0.00	0.00	0.00	0.00	6.33	7.97
210	*33.10	0.00	0.00	0.00	*33.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211	54.64	0.00	0.00	0.00	54.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
212	150.86	147.41	3.45	0.00	0.00	120.57	28.63	0.00	.90	.15	.60	0.00	0.00	0.00	0.00	0.00	0.00	.15	.19
213	28.35	0.00	0.00	0.00	28.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214	18.52	17.80	.72	0.00	0.00	14.80	3.51	0.00	.11	.02	.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
215	270.03	0.00	0.00	0.00	270.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
216	19.00	15.33	0.00	3.66	0.00	15.18	3.61	0.00	.11	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
217	414.19	207.29	131.09	53.18	22.62	252.45	67.22	0.00	8.39	1.68	3.55	4.42	37.43	2.59	10.02	3.81	.01	153.73	167.34
218	61.69	34.76	0.00	17.90	9.03	12.90	3.90	0.00	.22	.04	.28	5.62	17.25	4.70	6.16	1.51	.06	19.25	22.77
219	154.95	0.00	0.00	115.09	39.86	72.11	21.34	0.00	1.55	.31	1.45	2.20	9.68	2.19	3.54	.73	.00	52.41	62.69
220	144.78	5.72	0.00	124.91	14.15	79.92	24.14	0.00	.97	.19	1.70	1.82	15.90	1.29	3.68	1.00	.00	63.96	66.66
221	67.97	0.00	67.97	0.00	0.00	30.93	10.05	0.00	.06	.01	.82	4.67	12.76	.29	7.14	1.23	.00	32.69	33.14
222	12.10	11.67	.36	.07	0.00	.41	.12	0.00	.01	.00	.01	3.08	3.64	.12	4.58	.13	.00	5.75	6.15
223	984.10	977.38	0.00	6.72	0.00	786.22	186.72	0.00	6.17	1.04	3.94	0.00	0.00	0.00	0.00	0.00	0.00	3.99	4.02
224	148.53	79.24	17.42	51.87	0.00	119.71	28.19	0.00	.69	.15	.59	0.00	0.00	0.00	0.00	0.00	0.00	2.19	2.76
225	33.35	33.35	0.00	0.00	0.00	22.40	5.92	0.00	.65	.13	.32	.49	1.69	.81	.82	.10	.01	0.00	0.00
226	218.00	82.21	20.94	114.86	0.00	173.96	41.31	0.00	1.58	.27	.88	0.00	0.00	0.00	0.00	0.00	0.00	3.99	4.02
227	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
229	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
231	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
232	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
233	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
236	5.36	0.00	5.36	0.00	0.00	3.86	.92	0.00	.20	.04	.03	.05	.15	.03	.07	.01	.00	2.01	3.35
237	69.53	0.00	0.00	0.00	69.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
238	82.73	0.00	7.60	57.27	17.86	49.11	13.26	0.00	1.50	.30	.68	0.00	0.00	0.00	0.00	0.00	0.00	24.08	40.79
239	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	4.05	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
*596.5	*157.3	5949.9	7900.8	*88.51	*07.67	*19.41	0.00	263.51	49.90	299.52	732.24	*23.36	220.32	787.59	102.91	1.60	*33.45	*66.52	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 1	0.	0.	1.	1.	1.	1.	1.	1.
INTERSECTION 2	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 3	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 4	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 5	1.	1.	1.	1.	1.	1.	0.	0.
INTERSECTION 6	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 7	1.	1.	1.	1.	1.	1.	1.	1.
INTERSECTION 8	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 9	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 10	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 11	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 12	87.	22.	0.	0.	1092.	357.	240.	73.
INTERSECTION 13	3.	2.	0.	0.	3.	2.	3.	2.
INTERSECTION 14	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 15	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 16	2.	1.	1.	1.	2.	1.	1.	1.
INTERSECTION 17	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 18	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 19	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 20	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 21	1.	5.	0.	0.	12.	5.	12.	5.
INTERSECTION 22	1.	0.	0.	0.	1.	0.	1.	0.
INTERSECTION 23	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 24	1.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 25	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 26

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	15.		37.		-0.		17.	
V/GCAP	.08048		.36645		0.00000		.17873	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	25.	0.	16.	34.	0.	0.	34.	0.
QUEUE(VEH)	0.	0.	2.	2.	0.	0.	2.	0.
VOLUME(VEH)	203.	0.	1020.	515.	0.	0.	515.	0.
CAPACITY(VEH)	496.	1.	1353.	649.	1.	0.	649.	0.
V/GCAP	.08048	0.00000	.36645	.17873	0.00000	0.00000	.17873	0.00000

INTERSECTION 27

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	28.		32.		-0.		32.	
V/GCAP	.00289		.29687		0.00000		.02095	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	9.	9.	11.	8.	9.	9.	7.	7.
QUEUE(VEH)	0.	0.	1.	0.	0.	0.	0.	0.
VOLUME(VEH)	0.	4.	983.	504.	0.	0.	25.	0.
CAPACITY(VEH)	530.	556.	1684.	1684.	0.	0.	610.	610.
V/GCAP	0.00000	.00289	.29687	.15232	0.00000	0.00000	.02095	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 28	3.	1.	2.	1.	3.	1.	0.	0.

INTERSECTION 29

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	27.		77.		23.		33.	
V/GCAP	.22180		.62154		.18443		.26591	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	752.	765.	716.	739.	765.	0.	739.	0.
QUEUE(VEH)	59.	24.	175.	79.	24.	0.	79.	0.
VOLUME(VEH)	559.	232.	1566.	745.	232.	0.	745.	0.
CAPACITY(VEH)	408.	168.	1187.	549.	168.	0.	549.	0.
V/GCAP	.22180	.18443	.62154	.26591	.18443	0.00000	.26591	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 30	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 31	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 32	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 33	1.	0.	0.	0.	1.	0.	1.	0.
INTERSECTION 34	0.	0.	2.	1.	2.	1.	2.	1.
INTERSECTION 35	1.	1.	1.	1.	1.	1.	1.	1.
INTERSECTION 36	1.	0.	1.	0.	1.	0.	0.	0.
INTERSECTION 37	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 38	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 39

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	32.		32.		64.		0.	
V/GCAP	.29108		.03012		1.91184		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	508.	4164.	38.	0.	4164.	0.	0.	0.
QUEUE(VEH)	69.	1034.	0.	0.	1034.	0.	0.	0.
VOLUME(VEH)	838.	5169.	80.	0.	5169.	0.	0.	0.
CAPACITY(VEH)	686.	1320.	633.	1.	1320.	0.	1.	0.
V/GCAP	.29108	1.91184	.03012	0.00000	1.91184	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 40	3.	2.	0.	0.	3.	2.	3.	2.

INTERSECTION 41

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	32.		32.		64.		0.	
V/GCAP	.32417		.02106		2.09383		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	696.	4666.	37.	0.	4666.	0.	0.	0.
QUEUE(VEH)	93.	589.	0.	0.	589.	0.	0.	0.
VOLUME(VEH)	934.	2882.	57.	0.	2882.	0.	0.	0.
CAPACITY(VEH)	686.	672.	643.	1.	672.	0.	1.	0.
V/GCAP	.32417	2.09383	.02106	0.00000	2.09383	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 42	11.	5.	0.	0.	11.	5.	11.	5.
INTERSECTION 43	10.	5.	10.	5.	10.	5.	10.	5.
INTERSECTION 44	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 45	0.	0.	3.	1.	6.	1.	3.	1.
INTERSECTION 46	1.	0.	1.	0.	1.	0.	0.	0.
INTERSECTION 47	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 48	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 49	0.	0.	1.	0.	0.	0.	0.	0.

INTERSECTION	50	45.	6.	110.	23.	57.	9.	53.	6.
INTERSECTION	51	11.	5.	11.	5.	11.	5.	0.	0.
INTERSECTION	52	1.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION	53	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	54	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	10167.281	74.275	86.275	0.000	0.000	31.055	100.815	459.917
PARKNG	2	11287.504	43.508	55.508	0.000	0.000	110.904	117.940	274.817
PARKNG	3	19733.026	125.481	137.481	0.000	0.000	62.497	88.785	791.749
PARKNG	4	4000.733	67.981	79.981	0.000	0.000	31.423	21.881	435.078
PARKNG	5	7860.639	35.143	47.143	0.000	0.000	93.690	97.996	223.034
PARKNG	6	6545.290	45.558	57.558	0.000	0.000	68.387	57.268	291.574
PARKNG	7	3956.931	44.433	56.433	0.000	0.000	35.220	44.323	281.305
PARKNG	8	919.526	38.932	50.932	0.000	0.000	9.548	11.127	248.642
PARKNG	9	4093.458	54.387	66.387	0.000	0.000	25.073	44.661	335.582
PARKNG	10	34817.552	328.627	340.627	0.000	0.000	34.684	69.997	2083.188
PARKNG	11	3849.337	141.263	153.263	0.000	0.000	8.458	18.073	898.364
PARKNG	12	2642.750	94.436	106.436	0.000	0.000	2.708	24.932	590.679
PARKNG	13	233.999	29.407	41.407	0.000	0.000	2.309	4.707	187.189
PARKNG	14	8891.390	50.114	62.114	0.000	0.000	130.525	15.642	320.732
PARKNG	15	48969.396	117.497	129.497	0.000	0.000	305.895	79.635	751.982
PARKNG	16	494969.093	248.169	260.169	0.000	0.000	1687.812	225.061	1588.280
PARKNG	17	9600.900	70.881	82.881	0.000	0.000	73.089	49.989	453.637
PARKNG	18	335.266	39.172	51.172	0.000	0.000	1.863	6.125	249.299
PARKNG	19	38536.815	95.358	107.358	0.000	0.000	316.927	47.318	610.291

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1545. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	12.	12.	12.	2	11.	11.	11.	3	4.	4.	4.	4	4.	4.	4.	5	7.	7.	7.	6	7.	7.	7.
7	8.	8.	8.	8	8.	8.	8.	9	8.	8.	8.	10	7.	7.	7.	11	7.	7.	7.	12	8.	8.	8.
13	2.	2.	2.	14	2.	2.	2.	15	3.	3.	3.	16	2.	2.	2.	17	9.	9.	9.	18	7.	7.	7.
19	118.	118.	118.	20	7.	7.	7.	21	8.	8.	8.	22	7.	7.	7.	23	1.	1.	1.	24	1.	1.	1.
25	89.	89.	89.	26	2.	2.	2.	27	46.	46.	46.	28	1.	1.	1.	29	3.	3.	3.	30	12.	12.	12.
31	2.	2.	2.	32	1.	1.	1.	33	1.	1.	1.	34	1.	1.	1.	35	3.	3.	3.	36	1.	1.	1.
37	1.	1.	1.	38	1.	1.	1.	39	1.	1.	1.	40	1.	1.	1.	41	2.	2.	2.	42	2.	2.	2.
43	8.	8.	8.	44	10.	10.	10.	45	1.	1.	1.	46	1.	1.	1.	47	1.	1.	1.	48	1.	1.	1.
49	2.	2.	2.	50	3.	3.	3.	51	3.	3.	3.	52	2.	2.	2.	53	2.	2.	2.	54	2.	2.	2.
55	4.	4.	4.	56	4.	4.	4.	57	2.	2.	2.	58	5.	5.	5.	59	16.	16.	16.	60	245.	245.	245.
61	3.	3.	3.	62	1096.	1096.	1096.	63	3.	3.	3.	64	5.	5.	5.	65	9.	9.	9.	66	10.	10.	10.
67	4.	4.	4.	68	6.	6.	6.	69	3.	3.	3.	70	3.	3.	3.	71	4.	4.	4.	72	3.	3.	3.
73	3.	3.	3.	74	3.	3.	3.	75	28.	28.	28.	76	5.	5.	5.	77	11.	11.	11.	78	3.	3.	3.
79	5.	5.	5.	80	2.	2.	2.	81	754.	754.	754.	82	2.	2.	2.	83	4.	4.	4.	84	2.	2.	2.
85	3.	3.	3.	86	10.	10.	9.	87	13.	13.	9.	88	37.	37.	37.	89	18.	18.	18.	90	2.	2.	2.
91	2.	2.	2.	92	2.	2.	2.	93	3.	3.	3.	94	2.	2.	2.	95	2.	2.	2.	96	2.	2.	2.
97	2.	2.	2.	98	2.	2.	2.	99	3.	3.	3.	100	4.	4.	4.	101	3.	3.	3.	102	3.	3.	3.
103	2.	2.	2.	104	2.	2.	2.	105	2.	2.	2.	106	2.	2.	2.	107	2.	2.	2.	108	3.	3.	3.
109	3.	3.	3.	110	12.	12.	12.	111	3.	3.	3.	112	4.	4.	4.	113	7.	7.	7.	114	772.	772.	772.
115	7.	7.	7.	116	744.	744.	744.	117	5.	5.	5.	118	5.	5.	5.	119	4.	4.	4.	120	5.	5.	5.
121	3.	3.	3.	122	1.	1.	1.	123	3.	3.	3.	124	4.	4.	4.	125	3.	3.	3.	126	4.	4.	4.
127	4.	4.	4.	128	4.	4.	4.	129	7.	7.	7.	130	7.	7.	7.	131	3.	3.	3.	132	3.	3.	3.
133	2.	2.	2.	134	2.	2.	2.	135	4.	4.	4.	136	3.	3.	3.	137	2.	2.	2.	138	1.	1.	1.
139	12.	12.	12.	140	12.	12.	12.	141	512.	512.	512.	142	5.	5.	5.	143	40.	40.	40.	144	15.	15.	15.
145	6.	6.	6.	146	15.	15.	15.	147	40.	40.	40.	148	6.	6.	6.	149	699.	699.	699.	150	4169.	4169.	4169.
151	9.	9.	9.	152	4678.	4678.	4678.	153	27.	27.	27.	154	18.	18.	18.	155	2.	2.	2.	156	2.	2.	2.
157	18.	18.	18.	158	8.	8.	8.	159	1.	1.	1.	160	11.	11.	11.	161	11.	11.	11.	162	12.	12.	12.
163	3.	3.	3.	164	3.	3.	3.	165	1.	1.	1.	166	1.	1.	1.	167	3.	3.	3.	168	3.	3.	3.
169	4.	4.	4.	170	4.	4.	4.	171	7.	7.	7.	172	8.	8.	8.	173	4.	4.	4.	174	4.	4.	4.
175	4.	4.	4.	176	1.	1.	1.	177	4.	4.	4.	178	7.	7.	7.	179	0.	0.	0.	180	6.	6.	6.
181	24.	24.	24.	182	22.	22.	22.	183	1.	1.	1.	184	1.	1.	1.	185	4.	4.	4.	186	3.	3.	3.
187	5.	5.	5.	188	5.	5.	5.	189	6.	6.	6.	190	6.	6.	6.	191	2.	2.	2.	192	2.	2.	2.
193	5.	5.	5.	194	4.	4.	4.	195	4.	4.	4.	196	4.	4.	4.	197	3.	3.	3.	198	3.	3.	3.
199	1.	1.	1.	200	2.	2.	2.	201	22.	22.	22.	202	22.	22.	22.	203	2.	2.	2.	204	1.	1.	1.
205	2.	2.	2.	206	1.	1.	1.	207	2.	2.	2.	208	1.	1.	1.	209	1.	1.	1.	210	1.	1.	1.
211	1.	1.	1.	212	2.	2.	2.	213	2.	2.	2.	214	2.	2.	2.	215	14.	14.	14.	216	26.	26.	26.
217	718.	718.	718.	218	3.	3.	3.	219	1.	1.	1.	220	3.	3.	3.	221	8.	8.	8.	222	18.	18.	18.
223	10.	10.	10.	224	62.	62.	62.	225	12.	12.	12.	226	58.	58.	58.	227	2.	2.	2.	228	2.	2.	2.
229	1.	1.	1.	230	1.	1.	1.	231	2.	2.	2.	232	2.	2.	2.	233	1.	1.	1.	234	1.	1.	1.
235	2.	2.	2.	236	2.	2.	2.	237	4.	4.	4.	238	4.	4.	4.	239	4.	4.	4.	240	4.	4.	4.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK 3108.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES 198.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK 925.(VEH-MI)

TOTAL INTERSECTION DELAY ON NETWORK 3066.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS 10717.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS 1299.(M)

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	254.	18.	76.	255.	187.	40.	188.
INDS	0.	0.	11.	48.	0.	0.	0.
SHOP	110.	14.	62.	91.	64.	18.	72.
SERV	149.	35.	53.	175.	125.	59.	101.
EXTN	157.	0.	72.	67.	0.	0.	0.
ADMN	0.	10.	45.	42.	0.	0.	42.
FLTL	57.	30.	112.	18.	0.	47.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	34	7	0	3	3	0	0	0	0	47
OK	EXTN	327	72	0	33	31	0	0	0	0	463
BE	EXTN	8	2	0	1	1	0	0	0	0	12
DC	EXTN	33	7	0	3	3	0	0	0	0	46
ED	EXTN	11	2	0	1	1	0	0	0	0	15
ER	EXTN	2	0	0	0	0	0	0	0	0	2
MC	EXTN	198	43	0	20	19	0	0	0	0	280
MO	EXTN	41	9	0	4	4	0	0	0	0	58
SH	EXTN	55	12	0	6	5	0	0	0	0	78
TV	EXTN	7	2	0	1	1	0	0	0	0	11
1	SERV	100	45	11	16	53	38	18	31	3	315
2	HOME	14	129	9	38	129	95	20	95	0	529
3	SERV	130	68	16	24	81	57	27	46	16	465
4	SERV	85	35	8	13	42	30	14	24	0	251
5	HOME	13	125	9	37	126	92	20	93	0	515
6	SHOP	86	80	10	45	67	47	13	52	1	401
7	INDS	614	0	0	2	9	0	0	0	134	759
8	ADMN	3	0	1	6	6	0	0	6	34	56
9	SHOP	0	30	4	17	25	17	5	19	0	117
10	ADMN	822	0	9	38	36	0	0	36	27	968
11	INDS	361	0	0	1	3	0	0	0	38	403
12	INDS	627	0	0	1	4	0	0	0	10	642
13	INDS	47	0	0	0	1	0	0	0	8	56
14	INDS	316	0	0	1	3	0	0	0	10	330
15	FLTL	906	24	13	46	7	0	19	0	50	1065
16	FLTL	4996	34	18	65	10	0	27	0	81	5231
17	INDS	522	0	0	4	18	0	0	0	150	694
18	INDS	170	0	0	0	1	0	0	0	7	178
19	INDS	640	0	0	2	9	0	0	0	145	796
TOTAL		11168	726	108	428	698	376	163	402	714	14783

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	336	0	0	0	0	27	0	0	0	363
OK	EXTN	3268	0	0	0	0	258	0	0	0	3526
BE	EXTN	77	0	0	0	0	6	0	0	0	83
DC	EXTN	333	0	0	0	0	26	0	0	0	359
ED	EXTN	112	0	0	0	0	9	0	0	0	121
ER	EXTN	17	0	0	0	0	1	0	0	0	18
MC	EXTN	1983	0	0	0	0	156	0	0	0	2139
MO	EXTN	407	0	0	0	0	32	0	0	0	439
SH	EXTN	547	0	0	0	0	43	0	0	0	590
TV	EXTN	71	0	0	0	0	6	0	0	0	77
1	SERV	405	0	0	0	281	0	0	0	3	689
2	HOME	133	368	0	0	0	0	0	0	0	501
3	SERV	19	0	0	0	415	0	0	0	16	450
4	SERV	114	0	0	0	1	0	0	0	0	115
5	HOME	123	358	0	0	0	0	0	0	0	481
6	SHOP	9	0	0	240	0	0	0	0	1	250
7	INDS	62	0	29	0	0	0	0	0	134	225
8	ADMN	0	0	0	0	0	0	34	0	34	68
9	SHOP	0	0	0	190	0	0	0	0	0	190
10	ADMN	82	0	0	0	0	0	206	0	27	315
11	INDS	36	0	11	0	0	0	0	0	38	85
12	INDS	62	0	13	0	0	0	0	0	10	85
13	INDS	5	0	2	0	0	0	0	0	8	15
14	INDS	32	0	9	0	0	0	0	0	10	51
15	FLTL	90	0	0	0	0	0	0	239	50	379
16	FLTL	500	0	0	0	0	0	0	337	81	918
17	INDS	52	0	58	0	0	0	0	0	150	260
18	INDS	17	0	5	0	0	0	0	0	7	29
19	INDS	64	0	30	0	0	0	0	0	145	239
TOTAL		8956	726	157	430	697	564	240	576	714	13060

5.	3.	2.	2.	1.	1.	1.	0.	0.	0.
49.	30.	15.	25.	9.	7.	9.	3.	0.	0.
1.	1.	0.	1.	0.	0.	0.	0.	0.	0.
5.	3.	1.	3.	1.	1.	1.	0.	0.	0.
1.	1.	0.	1.	0.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31.	17.	9.	15.	7.	5.	6.	2.	0.	0.
6.	4.	2.	3.	1.	1.	1.	0.	0.	0.
8.	6.	3.	4.	1.	1.	2.	1.	0.	0.
1.	1.	0.	1.	0.	0.	0.	0.	0.	0.
4.	2.	0.	0.	0.	0.	0.	1.	42.	0.
8.	5.	1.	1.	0.	0.	0.	2.	97.	0.
5.	3.	1.	0.	0.	0.	0.	1.	64.	0.
3.	2.	0.	0.	0.	0.	0.	0.	32.	0.
9.	5.	1.	1.	0.	0.	0.	2.	95.	0.
5.	3.	0.	0.	0.	0.	0.	1.	62.	0.
1.	4.	1.	0.	0.	0.	0.	0.	35.	0.
0.	0.	0.	0.	0.	0.	0.	0.	14.	0.
1.	1.	0.	0.	0.	0.	0.	0.	23.	0.
1.	1.	0.	0.	0.	0.	0.	0.	33.	0.
0.	0.	0.	0.	0.	0.	0.	0.	10.	0.
0.	0.	0.	0.	0.	0.	0.	0.	3.	0.
0.	0.	0.	0.	0.	0.	0.	0.	2.	0.
11.	48.	48.	26.	2.	1.	0.	3.	17.	0.
81.	70.	71.	38.	3.	2.	1.	11.	65.	0.

27.	170.	75.	564.	311.	248.	131.	26.	213.	0.
9.	5.	1.	1.	0.	0.	0.	26.	44.	0.
0.	0.	0.	0.	0.	0.	0.	1.	1.	0.
3.	12.	6.	22.	35.	45.	183.	28.	72.	0.
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	2	8	3	4	5	6	7	0	0
1	2	8	3	4	5	6	7	0	0
1	2	8	3	4	5	6	7	0	0
1	2	8	3	4	5	6	7	0	0
1	2	8	3	4	5	6	7	0	0
1	2	8	3	4	5	6	7	0	0
2	1	3	4	8	5	6	7	0	0
8	7	6	5	4	3	2	1	0	0
2	1	3	8	4	5	6	7	0	0
2	1	3	4	8	5	6	7	0	0
2	3	1	4	6	5	8	7	0	0
8	7	8	5	4	3	2	1	0	0
4	3	2	1	5	6	8	7	0	0
2	3	4	1	8	5	6	7	0	0
1	3	2	4	8	5	6	7	0	0
4	5	6	2	7	3	1	8	0	0
8	1	2	3	4	7	5	6	0	0
8	1	2	7	3	4	5	6	0	0
7	6	5	8	4	2	3	1	0	0
25	26	26	26	26	26	29	29	0	0
26	25	25	25	29	29	26	26	0	0
24	24	24	24	25	25	25	27	0	0
27	29	29	29	24	24	24	25	0	0
15	12	12	12	12	12	27	24	0	0
12	27	27	27	15	15	12	12	0	0
13	15	15	15	27	27	15	15	0	0
16	17	17	13	13	13	13	13	0	0
11	13	13	17	11	11	11	11	0	0
29	16	16	11	17	16	14	28	0	0
14	11	11	16	16	17	18	16	0	0
17	14	20	14	14	14	17	14	0	0
19	19	14	20	20	20	28	17	0	0
20	20	19	19	19	19	19	19	0	0
21	21	21	23	23	23	20	20	0	0
26	23	23	21	21	21	23	21	0	0
23	28	28	28	28	28	21	23	0	0
22	22	22	22	22	22	22	22	0	0
18	18	18	18	18	18	18	18	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

C.4. MATRIX ASSOCIATING ZONES WITH GATES

ZONE	GATE 1	GATE 2	GATE 3	GATE 4	GATE 5	GATE 6	GATE 7	GATE 8	GATE 9	GATE10
1	1	0	0	0	0	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0
7	0	1	0	0	0	0	0	0	0	0
8	1	1	1	1	1	1	1	1	0	0
9	0	1	0	0	0	0	0	0	0	0
10	1	1	0	0	0	0	0	0	0	0
11	0	1	0	1	0	0	0	0	0	0
12	1	1	1	1	1	1	1	1	0	0
13	0	0	1	1	0	0	0	0	0	0
14	0	1	1	1	0	0	0	0	0	0
15	1	1	1	1	0	0	0	0	0	0
16	1	1	1	1	1	1	1	1	0	0
17	1	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	1	0	0
19	0	0	0	0	0	0	1	1	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	10	2	0	1	1	0	0	0	0	14
OK	EXTN	92	20	0	9	9	0	0	0	0	130
BE	EXTN	2	1	0	0	0	0	0	0	0	3
DC	EXTN	9	2	0	1	1	0	0	0	0	13
ED	EXTN	3	1	0	0	0	0	0	0	0	4
ER	EXTN	1	0	0	0	0	0	0	0	0	1
MC	EXTN	55	12	0	6	5	0	0	0	0	78
MO	EXTN	11	3	0	1	1	0	0	0	0	16
SH	EXTN	15	3	0	2	1	0	0	0	0	21
TV	EXTN	2	1	0	0	0	0	0	0	0	3
1	SERV	1	9	2	3	11	8	4	6	1	45
2	HOME	0	27	2	8	27	20	4	20	0	108
3	SERV	1	14	3	5	17	12	6	10	3	71
4	SERV	1	7	2	3	9	6	3	5	0	36
5	HOME	0	26	2	8	26	19	4	19	0	104
6	SHOP	27	17	2	9	14	10	3	11	0	93
7	INDS	16	0	0	0	2	0	0	0	28	46
8	ADMN	0	0	0	1	1	0	0	1	7	10
9	SHOP	0	6	1	4	5	4	1	4	0	25
10	ADMN	7	0	2	8	8	0	0	8	6	39
11	INDS	0	0	0	0	1	0	0	0	8	9
12	INDS	114	0	0	0	1	0	0	0	2	117
13	INDS	0	0	0	0	0	0	0	0	2	2
14	INDS	54	0	0	0	1	0	0	0	2	57
15	FLTL	1	5	3	10	1	0	4	0	10	34
16	FLTL	216	7	4	14	2	0	6	0	17	266
17	INDS	0	0	0	1	4	0	0	0	31	36
18	INDS	1	0	0	0	0	0	0	0	1	2
19	INDS	0	0	0	0	2	0	0	0	30	32
TOTAL		639	163	23	94	150	79	35	84	148	1415

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	70	0	0	0	0	6	0	0	0	76
OK	EXTN	684	0	0	0	0	54	0	0	0	738
BE	EXTN	16	0	0	0	0	1	0	0	0	17
DC	EXTN	70	0	0	0	0	5	0	0	0	75
ED	EXTN	23	0	0	0	0	2	0	0	0	25
ER	EXTN	4	0	0	0	0	0	0	0	0	4
MC	EXTN	415	0	0	0	0	33	0	0	0	448
MO	EXTN	85	0	0	0	0	7	0	0	0	92
SH	EXTN	114	0	0	0	0	9	0	0	0	123
TV	EXTN	15	0	0	0	0	1	0	0	0	16
1	SERV	129	0	0	0	79	0	0	0	1	209
2	HOME	35	103	0	0	0	0	0	0	0	138
3	SERV	6	0	0	0	116	0	0	0	4	126
4	SERV	36	0	0	0	0	0	0	0	0	36
5	HOME	39	100	0	0	0	0	0	0	0	139
6	SHOP	3	0	0	67	0	0	0	0	0	70
7	INDS	9	0	8	0	0	0	0	0	38	55
8	ADMN	0	0	0	0	0	0	10	0	10	20
9	SHOP	0	0	0	53	0	0	0	0	0	53
10	ADMN	21	0	0	0	0	0	58	0	8	87
11	INDS	8	0	3	0	0	0	0	0	11	22
12	INDS	17	0	4	0	0	0	0	0	3	24
13	INDS	2	0	1	0	0	0	0	0	2	5
14	INDS	7	0	3	0	0	0	0	0	3	13
15	FLTL	25	0	0	0	0	0	0	67	14	106
16	FLTL	140	0	0	0	0	0	0	94	23	257
17	INDS	16	0	16	0	0	0	0	0	42	74
18	INDS	4	0	1	0	0	0	0	0	2	7
19	INDS	19	0	8	0	0	0	0	0	41	68
TOTAL		2012	203	44	120	195	118	68	161	202	3123

BATS MODEL OUTPUT 78/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

D.1. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (PERSONS)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	6.	10.	2.	22.	1.	6.	1.	2.	1.	6.	0.	6.	3.	22.	1.	1.	0.	0.	
OK	60.	90.	16.	229.	6.	52.	8.	20.	6.	52.	3.	61.	26.	224.	5.	10.	0.	0.	
BE	1.	2.	0.	5.	0.	1.	0.	0.	0.	1.	0.	1.	1.	5.	0.	0.	0.	0.	
DC	6.	6.	2.	25.	1.	4.	1.	2.	1.	5.	0.	6.	3.	23.	0.	1.	0.	0.	
ED	2.	3.	1.	7.	0.	2.	0.	1.	0.	2.	0.	2.	1.	7.	0.	0.	0.	0.	
ER	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	
MC	36.	50.	10.	151.	4.	24.	5.	12.	3.	31.	2.	36.	15.	138.	3.	6.	0.	0.	
MO	7.	11.	2.	28.	1.	7.	1.	3.	1.	7.	0.	8.	3.	28.	1.	1.	0.	0.	
SH	10.	16.	3.	35.	1.	10.	1.	3.	1.	9.	0.	10.	4.	37.	1.	2.	0.	0.	
TV	1.	2.	0.	5.	0.	1.	0.	0.	0.	1.	0.	1.	1.	5.	0.	0.	0.	0.	
1	3.	34.	2.	8.	1.	4.	4.	6.	0.	1.	2.	1.	2.	3.	1.	1.	36.	152.	
2	7.	21.	4.	5.	2.	3.	7.	4.	1.	1.	4.	1.	3.	2.	2.	1.	88.	101.	
3	5.	8.	3.	2.	2.	1.	5.	1.	1.	0.	3.	0.	2.	1.	1.	0.	58.	113.	
4	3.	8.	2.	2.	1.	1.	3.	1.	0.	0.	2.	0.	1.	1.	1.	0.	29.	22.	
5	6.	22.	4.	5.	2.	3.	7.	4.	1.	1.	4.	1.	3.	2.	1.	1.	85.	102.	
6	103.	12.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	56.	58.	
7	16.	2.	38.	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	30.	52.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.	20.	
9	5.	8.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.	44.	
10	13.	6.	10.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	32.	79.	
11	0.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.	19.	
12	18.	1.	298.	5.	72.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	17.	
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	4.	
14	13.	0.	144.	2.	27.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	10.	
15	2.	8.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.	96.	
16	0.	0.	0.	0.	0	0.	16.	1.	111.	10.	117.	3.	478.	39.	13.	1.	50.	203.	
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	5.	36.	68.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	1.	1.	5.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	0.	0.	32.	61.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	4	5	7	0	4	2	0	1	1	3	0	0	0	0	2	4	1	0	0	1	7	0	1	0	0	4	1	1	0
2	11	14	16	0	13	4	0	1	4	3	0	0	0	0	8	12	1	0	0	1	14	0	1	0	0	8	2	2	0
3	7	7	10	0	7	3	2	1	2	5	0	0	0	0	4	6	2	0	2	1	10	0	1	0	0	6	1	2	0
4	4	4	5	0	3	2	0	0	1	3	0	0	0	0	2	3	1	0	0	1	6	0	1	0	0	3	1	1	0
5	11	13	15	0	13	4	0	1	4	3	0	0	0	0	8	11	1	0	0	1	13	0	1	0	0	8	2	2	0
6	6	9	8	0	8	5	0	0	4	3	0	0	0	0	5	6	1	0	0	5	50	1	5	2	0	28	6	9	1
7	1	0	2	0	0	0	5	1	0	1	2	0	0	0	2	3	6	0	6	2	25	1	3	1	0	16	3	4	1
8	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0
9	2	3	3	0	3	2	0	0	2	1	0	0	0	0	2	2	0	0	0	0	3	0	0	0	0	2	0	0	0
10	3	0	5	0	0	4	1	0	4	0	0	0	0	0	3	6	2	0	1	1	11	0	1	0	0	7	1	2	0
11	0	0	1	0	0	0	2	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	177	4	18	6	1	109	22	29	4
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	84	2	9	3	0	52	10	14	2
15	0	3	1	0	2	6	3	1	4	3	1	0	0	0	1	1	3	0	3	0	2	0	0	0	0	1	0	0	0
16	1	4	1	0	3	8	4	2	6	6	1	0	0	0	1	2	5	0	4	35	337	8	34	11	2	204	42	56	7
17	2	0	3	0	0	1	6	2	0	1	2	0	0	0	2	4	6	0	6	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0
19	1	0	2	0	0	0	6	1	0	1	2	0	0	0	2	3	6	0	6	0	0	0	0	0	0	0	0	0	0
NO	3	2	1	1	2	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	26	17	6	6	17	6	2	0	4	4	1	3	0	1	4	25	3	1	3	0	0	0	0	0	0	0	0	0	0
BE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	3	2	1	1	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	16	10	4	4	10	3	1	0	2	2	1	2	0	1	3	15	2	0	2	0	0	0	0	0	0	0	0	0	0
MO	3	2	1	1	2	1	0	0	1	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	4	3	1	1	3	1	0	0	1	1	0	0	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0	0	0
TV	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

D.4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	0	0	5	1	0	1	2	0	0	0	2	3	6	0	6	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	3	1	0	1	1	0	0	0	1	2	4	0	3	0	0	0	0	0	0	0	0	0	0
17	0	0	1	0	0	0	6	2	0	1	2	0	0	0	2	4	6	0	6	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	0	6	1	0	1	2	0	0	0	2	3	6	0	6	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

E.1. MODAL SPLIT - VEHICLE LOAD FACTORS

ZONE	PERSONS PER VEHICLE	PERSONS PER MIL. VEHICLE	CIVILIAN VEH TRIPS ORG-GATE	CIVILIAN VEH TRIPS GATE-DEST	MILITARY VEH TRIPS ORG-GATE	MILITARY VEH TRIPS GATE-DEST	PERCENT MOTOR VEHICLES	PERCENT MILITARY VEHICLES	PERSON TRIPS FROM ORIGIN	PERSON TRIPS TO DEST.
NO	1.35800	1.35300	10.31	55.96	0.00	0.00	100.100	99.100	14.000	76.000
OK	1.35800	1.35300	95.73	543.45	0.00	0.00	100.100	99.100	130.000	738.000
BE	1.35800	1.35300	2.21	12.52	0.00	0.00	100.100	99.100	3.000	17.000
DC	1.35800	1.35300	9.57	55.23	0.00	0.00	100.100	99.100	13.000	75.000
ED	1.35800	1.35300	2.95	18.41	0.00	0.00	100.100	99.100	4.000	25.000
ER	1.35800	1.35300	.74	2.95	0.00	0.00	100.100	99.100	1.000	4.000
MC	1.35800	1.35300	57.44	329.90	0.00	0.00	100.100	99.100	78.000	448.000
MO	1.35800	1.35300	11.78	67.75	0.00	0.00	100.100	99.100	16.000	92.000
SH	1.35800	1.35300	15.46	90.57	0.00	0.00	100.100	99.100	21.000	123.000
TV	1.35800	1.35300	2.21	11.78	0.00	0.00	100.100	99.100	3.000	16.000
1	1.34000	1.16500	37.26	155.16	1.22	1.18	99.300	100.000	51.357	209.292
2	1.34000	1.45500	87.97	102.54	0.00	0.00	99.300	100.000	117.873	137.398
3	1.34000	1.35300	56.14	90.73	3.03	3.30	99.300	99.100	79.332	126.033
4	1.34000	1.35300	30.87	26.83	0.00	0.00	99.300	99.100	41.370	35.953
5	1.34000	1.35300	84.61	103.94	0.00	0.00	99.300	99.100	113.380	139.284
6	1.34000	1.47500	121.60	52.48	0.00	0.00	99.300	100.000	162.946	70.329
7	1.34000	1.34300	4.21	11.15	58.74	30.19	103.800	100.000	84.524	55.488
8	1.34000	1.21000	2.24	7.46	5.79	8.26	103.800	100.000	10.000	20.000
9	1.34000	1.46600	20.13	39.43	0.00	0.00	99.300	100.000	26.975	52.833
10	1.36400	1.48000	33.27	57.42	7.08	5.96	100.000	100.000	55.854	87.140
11	1.34000	1.29400	.75	6.94	6.18	9.89	99.000	100.000	9.000	22.101
12	1.34000	1.49200	97.38	14.50	174.93	2.79	99.000	100.000	391.483	23.589
13	1.34000	1.49100	0.00	1.78	1.34	1.60	99.000	100.000	2.000	4.775
14	1.36400	1.32200	45.70	6.52	94.31	2.88	102.000	100.000	187.018	12.713
15	1.34000	1.40000	18.94	67.37	7.88	11.01	99.000	100.000	36.408	105.690
16	1.34000	1.42100	387.17	170.24	188.08	20.51	99.000	100.000	786.073	257.264
17	1.34000	1.37400	3.73	21.17	22.56	33.36	99.000	100.000	36.000	74.202
18	1.34000	1.34800	0.00	2.93	3.27	1.94	99.000	100.000	4.408	6.550
19	1.34000	1.26800	1.49	16.73	23.66	36.24	99.000	100.000	32.000	68.364

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

E.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	5.	7.	1.	16.	1.	5.	1.	2.	0.	4.	0.	5.	2.	17.	0.	1.	0.	0.	
OK	44.	66.	12.	169.	5.	39.	6.	15.	4.	39.	2.	45.	19.	165.	4.	7.	0.	0.	
BE	1.	2.	0.	4.	0.	1.	0.	0.	0.	1.	0.	1.	0.	4.	0.	0.	0.	0.	
DC	4.	6.	1.	19.	0.	3.	1.	1.	0.	4.	0.	4.	2.	17.	0.	1.	0.	0.	
ED	1.	2.	0.	5.	0.	1.	0.	1.	0.	1.	0.	2.	1.	5.	0.	0.	0.	0.	
ER	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	
MC	27.	37.	8.	111.	3.	18.	3.	9.	2.	23.	1.	26.	11.	102.	2.	4.	0.	0.	
MO	5.	8.	1.	21.	1.	5.	1.	2.	1.	5.	0.	6.	2.	20.	0.	1.	0.	0.	
SH	7.	12.	2.	26.	1.	8.	1.	3.	1.	7.	0.	8.	3.	27.	1.	1.	0.	0.	
TV	1.	1.	0.	4.	0.	1.	0.	0.	0.	1.	0.	1.	0.	4.	0.	0.	0.	0.	
1	3.	25.	1.	6.	1.	3.	3.	4.	0.	1.	2.	1.	1.	2.	1.	1.	27.	113.	
2	5.	16.	3.	4.	2.	2.	5.	3.	1.	0.	3.	1.	2.	1.	1.	1.	65.	75.	
3	3.	6.	2.	1.	1.	1.	4.	1.	0.	0.	2.	0.	2.	1.	1.	0.	43.	84.	
4	2.	6.	1.	1.	1.	1.	2.	1.	0.	0.	1.	0.	1.	1.	0.	0.	21.	16.	
5	5.	16.	3.	4.	2.	2.	5.	3.	1.	0.	3.	1.	2.	2.	1.	1.	63.	76.	
6	76.	9.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	41.	43.	
7	12.	1.	28.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.	39.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	16.	
9	3.	6.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.	33.	
10	10.	5.	7.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.	57.	
11	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	14.	
12	12.	1.	207.	3.	50.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	12.	
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	3.	
14	10.	0.	108.	1.	20.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	8.	
15	2.	6.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.	71.	
16	0.	0.	0.	0.	0.	0.	11.	1.	81.	7.	85.	2.	348.	29.	9.	1.	36.	149.	
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	4.	26.	50.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	1.	1.	4.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	0.	0.	25.	47.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

F.1. CALIBRATION FACTORS (FACTOR*GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
.705	.727	.714	.708

BATS MODEL OUTPUT 76/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	7.	11.	2.	6.	1.	5.	2.	20.	2.	12.	0.	12.	1.	7.	0.	3.	0.	0.	
OK	63.	105.	15.	64.	9.	45.	17.	168.	15.	119.	4.	120.	9.	76.	3.	32.	0.	0.	
BE	1.	2.	0.	1.	0.	1.	0.	4.	0.	3.	0.	3.	0.	2.	0.	1.	0.	0.	
DC	6.	10.	2.	7.	1.	4.	2.	19.	1.	12.	0.	12.	1.	8.	0.	3.	0.	0.	
ED	2.	4.	0.	2.	0.	2.	1.	7.	1.	4.	0.	4.	0.	2.	0.	1.	0.	0.	
ER	0.	1.	0.	0.	0.	0.	0.	1.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	
MC	38.	61.	9.	44.	5.	22.	10.	115.	9.	72.	2.	73.	5.	46.	2.	20.	0.	0.	
MO	8.	13.	2.	8.	1.	6.	2.	24.	2.	15.	1.	15.	1.	9.	0.	4.	0.	0.	
SH	10.	18.	2.	10.	1.	9.	3.	31.	3.	20.	1.	20.	1.	12.	0.	5.	0.	0.	
TV	1.	2.	0.	1.	0.	1.	0.	4.	0.	3.	0.	3.	0.	2.	0.	1.	0.	0.	
1	0.	33.	0.	6.	0.	6.	12.	12.	0.	1.	1.	1.	0.	0.	1.	0.	27.	113.	
2	1.	21.	0.	4.	0.	4.	24.	7.	1.	1.	3.	1.	0.	0.	2.	0.	65.	75.	
3	0.	8.	0.	1.	0.	1.	17.	3.	0.	0.	2.	0.	0.	0.	2.	0.	43.	84.	
4	0.	8.	0.	2.	0.	1.	10.	3.	0.	0.	1.	0.	0.	0.	1.	0.	21.	16.	
5	1.	22.	0.	4.	0.	4.	23.	8.	1.	1.	3.	1.	0.	0.	2.	0.	63.	76.	
6	109.	13.	0.	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	41.	43.	
7	42.	2.	10.	2.	1.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.	39.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	16.	
9	6.	8.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.	33.	
10	21.	7.	2.	2.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.	57.	
11	0	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	14.	
12	67	1.	117.	4.	87.	2.	105.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	12.	
13	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	3.	
14	40.	1.	47.	2.	28.	1.	79.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	8.	
15	3.	9.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.	71.	
16	0.	0.	0.	0.	0.	0.	137.	5.	215.	33.	210.	6.	138.	12.	48.	0.	36.	149.	
17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	5.	26.	50.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	1.	1.	4.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	0.	0.	25.	47.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

G.1. ASSIGNMENT COUNTS AND ASSCIATED COMPUTER RUN TIMES

ZONE	ASSGN. VEH. ORG. TO GATES	ASSGN.VEH. GATES TO DEST.	ASSGN. VEH. INTERNAL O-D	ASSIGNMENT TIME	TOTAL TIME	NO. PATHS FOLLOWED
1	16.004	60.071	30.486	3.743	74.569	330
2	30.996	38.124	76.779	.659	75.228	336
3	22.120	13.646	50.680	.769	75.997	349
4	12.835	14.615	27.605	.554	76.551	353
5	29.446	39.051	75.036	.586	77.137	360
6	110.964	12.914	52.516	.517	77.654	368
7	56.997	3.711	35.550	.572	78.226	377
8	0.000	0.000	9.967	.386	78.612	382
9	6.199	9.252	15.164	.604	79.216	391
10	24.127	8.368	32.599	.631	79.847	402
11	0.000	3.324	11.331	.347	80.194	406
12	376.998	6.768	2.314	.614	80.808	410
13	0.000	.772	2.329	.475	81.283	418
14	194.155	2.878	2.314	.557	81.840	426
15	3.490	10.070	34.913	.645	82.485	444
16	749.130	56.360	55.521	.965	83.450	453
17	0.000	6.416	39.777	.576	84.026	458
18	3.540	1.622	1.179	.578	84.604	457
19	0.000	8.039	36.870	.673	85.277	473

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	64.64	0.00	0.00	64.64	0.00	33.46	8.07	0.00	.24	.04	.20	.23	16.75	.01	3.17	2.49	0.00	11.54	14.55
2	207.40	207.40	0.00	0.00	0.00	149.40	35.48	0.00	1.12	.19	.75	2.57	8.63	3.78	4.33	1.10	.05	9.09	11.37
3	889.39	64.55	824.83	0.00	0.00	692.59	164.61	0.00	5.18	.86	3.49	.23	16.75	.01	3.17	2.49	0.00	11.54	14.55
4	224.81	108.15	116.66	0.00	0.00	163.32	38.79	0.00	1.22	.20	.82	2.57	8.63	3.78	4.33	1.10	.05	14.93	18.85
5	816.81	734.07	0.00	82.74	0.00	635.52	150.98	0.00	5.45	.93	3.21	.49	13.42	.50	3.66	2.64	.00	19.35	21.12
6	154.29	121.08	33.21	0.00	0.00	109.66	26.51	0.00	1.20	.22	.68	3.27	5.01	3.29	3.92	.48	.05	15.17	19.93
7	848.40	667.88	0.00	180.53	0.00	609.16	150.89	0.00	4.95	.86	4.61	21.83	34.42	9.07	10.80	1.73	.08	96.46	106.26
8	163.09	144.88	18.21	0.00	0.00	105.81	26.06	0.00	1.14	.21	.77	9.03	10.54	.94	8.40	.19	.00	22.58	31.00
9	917.85	794.73	121.64	1.48	0.00	664.67	164.07	0.00	5.37	.93	4.89	21.83	34.42	9.07	10.80	1.73	.08	96.46	106.26
10	146.39	32.93	113.45	0.00	0.00	92.46	22.89	0.00	1.04	.19	.71	9.03	10.54	.94	8.40	.19	.00	19.83	27.54
11	27.76	14.67	0.00	13.09	0.00	22.19	5.27	0.00	.17	.03	.11	0.00	0.00	0.00	0.00	0.00	0.00	4.61	5.79
12	72.95	72.95	0.00	0.00	0.00	58.31	13.85	0.00	.44	.07	.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	99.53	0.00	99.53	0.00	0.00	75.22	17.81	0.00	3.59	.72	.49	.19	.63	.26	.60	.04	.00	4.97	6.42
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	19.40	10.81	0.00	8.59	0.00	15.51	3.68	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	566.35	0.00	566.35	0.00	0.00	383.74	97.35	0.00	3.26	.58	3.48	21.83	34.42	9.07	10.80	1.73	.08	96.46	106.26
22	141.11	0.00	141.11	0.00	0.00	88.34	21.91	0.00	.94	.17	.68	9.03	10.52	.93	8.39	.19	.00	19.05	26.55
23	126.55	39.98	0.00	86.56	0.00	76.60	19.13	0.00	.92	.17	.63	9.03	10.54	.94	8.40	.19	.00	24.44	33.32
24	943.21	0.00	40.02	903.19	0.00	684.93	168.88	0.00	5.52	.96	4.99	21.83	34.42	9.07	10.80	1.73	.08	96.46	106.26
25	39.32	6.87	32.46	0.00	0.00	29.38	7.26	0.00	1.38	.28	.26	.23	.31	.09	.14	.01	.00	.01	.01
26	412.00	368.27	43.73	0.00	0.00	329.27	78.20	0.00	2.47	.41	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	20.00	20.00	0.00	0.00	0.00	15.98	3.80	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.47
28	74.60	23.29	0.00	51.31	0.00	59.62	14.16	0.00	.45	.07	.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	53.15	.84	50.31	0.00	2.01	37.57	8.92	0.00	1.94	.39	.26	.07	1.28	.11	.43	.17	.00	.71	.71
30	533.00	116.35	416.29	0.00	.37	215.67	61.50	0.00	3.57	.71	4.39	34.43	89.18	93.58	29.37	.22	.00	217.27	227.91
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	5.16	0.00	0.00	0.00	5.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	311.95	1.61	47.57	262.77	0.00	166.49	46.02	0.00	4.58	.92	2.61	24.35	38.34	13.27	13.83	1.39	.16	90.89	101.25
36	190.94	190.94	0.00	0.00	0.00	119.43	28.83	0.00	.86	.14	.71	8.10	20.68	.81	9.52	1.87	0.00	21.08	26.86
37	213.74	213.74	0.00	0.00	0.00	96.92	29.18	0.00	.43	.08	2.01	23.67	36.16	11.74	12.17	1.24	.13	90.77	100.93
38	190.94	0.00	42.01	148.93	0.00	119.43	28.83	0.00	.86	.14	.71	8.10	20.68	.81	9.52	1.87	0.00	21.08	26.86
39	247.01	171.03	0.00	9.41	66.57	132.88	31.60	0.00	1.68	.31	.70	.72	6.89	1.12	2.95	1.59	.00	39.39	47.65
40	265.68	0.00	46.14	155.31	64.23	151.44	36.55	0.00	1.51	.27	.92	1.16	6.60	.14	2.06	.82	.00	10.68	15.67
41	165.78	21.17	0.00	144.62	0.00	113.27	27.42	0.00	5.35	1.07	.87	1.28	8.97	1.96	3.90	1.70	.01	15.46	17.57
42	346.81	258.68	90.12	0.00	0.00	264.87	63.44	0.00	5.39	1.03	1.60	1.35	7.23	.39	2.66	.85	.00	8.38	12.97
43	67.73	67.73	0.00	0.00	0.00	35.93	8.65	0.00	.26	.04	.21	.23	16.75	.01	3.17	2.49	0.00	11.66	14.70
44	108.38	0.00	71.11	37.28	0.00	70.27	16.69	0.00	.53	.09	.35	2.57	8.63	3.78	4.33	1.10	.05	9.09	11.37
45	191.44	0.00	191.44	0.00	0.00	51.85	13.93	0.00	.34	.07	.91	15.39	43.65	42.56	20.37	2.38	0.00	88.41	103.03
46	205.46	0.00	205.46	0.00	0.00	141.87	35.98	0.00	5.13	1.03	1.43	1.52	9.93	2.30	4.38	1.89	.01	11.46	13.16
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	203.71	0.00	0.00	181.09	22.62	84.26	21.39	0.00	2.94	.59	1.11	5.67	24.45	31.33	9.34	.01	.00	56.48	57.82

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	37.21	7.14	0.00	30.07	0.00	3.68	1.10	0.00	.07	.01	.08	6.14	14.46	2.94	7.31	1.39	.03	16.44	18.44
51	346.21	156.14	190.01	.06	0.00	113.58	31.28	0.00	1.94	.39	2.24	17.98	68.70	84.83	24.45	.83	.00	145.05	152.62
52	272.41	240.79	20.92	0.00	10.71	147.33	41.40	0.00	3.57	.71	2.48	19.92	32.69	6.37	6.90	.34	.00	77.27	85.51
53	330.55	330.55	0.00	0.00	0.00	109.02	29.90	0.00	1.94	.39	2.15	15.82	64.11	84.59	22.11	.51	.00	139.03	142.99
54	240.79	235.62	0.00	5.16	0.00	139.12	39.53	0.00	3.57	.71	2.41	19.18	25.33	5.57	5.14	.22	.00	70.18	77.68
55	142.35	142.18	0.00	.17	0.00	61.11	18.70	0.00	1.94	.39	.91	4.81	16.03	39.93	.36	.17	.00	46.51	47.14
56	333.33	333.33	0.00	0.00	0.00	162.12	46.99	0.00	3.57	.71	3.01	24.08	40.86	46.61	5.15	.22	.00	118.47	127.10
57	50.31	50.13	0.00	.17	0.00	37.08	8.79	0.00	1.94	.39	.25	.06	1.18	.10	.37	.17	.00	.71	.71
58	429.60	0.00	3.30	426.30	0.00	187.35	55.28	0.00	3.57	.71	3.70	29.04	56.38	88.20	5.15	.22	.00	166.27	175.57
59	32.46	0.00	0.00	32.45	.01	24.69	5.85	0.00	1.30	.26	.16	.02	.05	.04	.08	.00	.00	0.00	0.00
60	416.29	0.00	.38	415.91	0.00	184.92	52.24	0.00	3.55	.71	3.58	28.29	65.67	54.21	22.92	.19	.00	159.81	169.31
61	7.24	0.00	0.00	7.24	0.00	4.94	1.49	0.00	.08	.02	.10	.23	.28	.05	.06	.00	.00	.01	.01
62	.00	0.00	0.00	.00	0.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
63	19.79	19.79	0.00	0.00	0.00	15.81	3.76	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	7.35	9.22
64	223.86	204.01	19.85	0.00	0.00	178.91	42.49	0.00	1.34	.22	.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	160.90	97.83	63.07	0.00	0.00	104.15	25.67	0.00	1.06	.19	.76	9.03	10.52	.93	8.39	.19	.00	26.40	35.77
66	790.21	223.86	0.00	566.35	0.00	562.65	139.84	0.00	4.60	.80	4.38	21.83	34.42	9.07	10.80	1.73	.08	96.46	106.26
67	5.04	.84	.90	0.00	3.30	.49	.13	0.00	0.00	0.00	.01	.02	.91	.09	.10	.00	0.00	.45	.45
68	107.63	106.70	0.00	0.00	.93	28.47	6.27	0.00	0.00	0.00	.69	5.71	35.65	5.70	24.22	.00	0.00	52.54	54.10
69	.17	0.00	.12	.06	0.00	.12	.03	0.00	0.00	0.00	.00	.00	.01	.00	.00	0.00	0.00	0.00	0.00
70	96.28	0.00	96.28	0.00	0.00	25.22	8.29	0.00	0.00	0.00	.69	4.97	15.52	41.59	0.00	0.00	0.00	47.81	48.47
71	1.48	1.31	0.00	0.00	.17	0.00	0.00	0.00	0.00	0.00	0.00	.13	.85	.09	.21	.03	0.00	.59	.71
72	189.80	0.00	1.42	188.37	0.00	48.93	13.43	0.00	0.00	0.00	1.24	11.01	48.34	44.71	21.80	.34	0.00	93.00	96.80
73	20.92	0.00	7.92	12.99	0.00	8.21	1.87	0.00	0.00	0.00	.07	.74	7.35	.80	1.76	.11	0.00	7.09	7.82
74	9.25	0.00	0.00	9.25	0.00	4.55	1.37	0.00	0.00	0.00	.09	.92	1.32	.11	.86	.02	0.00	3.11	6.14
75	1.67	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	12.53	5.19	2.51	0.00	4.83	.37	.12	0.00	.02	.00	.01	1.58	1.65	2.01	1.65	.29	0.00	3.71	3.98
77	161.09	.86	180.23	0.00	0.00	84.26	21.39	0.00	2.94	.59	1.11	5.67	24.45	31.33	9.34	.01	.00	56.48	57.82
78	6.05	0.00	6.05	0.00	0.00	3.30	.98	0.00	.05	.01	.07	.12	.55	.42	.49	.05	.03	1.40	2.31
79	246.28	82.43	163.85	0.00	0.00	173.11	43.70	0.00	6.46	1.29	1.70	1.52	9.93	2.30	4.38	1.89	.01	27.83	37.61
80	193.28	0.00	0.00	191.44	1.84	51.85	13.93	0.00	.34	.07	.91	15.39	43.65	42.56	20.37	2.38	0.00	88.41	103.03
81	21.17	0.00	0.00	0.00	21.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82	295.66	220.52	60.84	0.00	14.30	211.93	52.44	0.00	9.13	1.83	1.88	.45	1.66	.64	1.16	.23	.00	47.16	70.43
83	240.35	78.79	156.78	4.77	0.00	96.26	24.51	0.00	3.53	.71	1.25	14.72	36.14	42.52	19.03	1.67	.00	83.13	91.29
84	64.10	21.32	22.70	0.00	20.09	26.65	6.51	0.00	1.35	.27	.23	1.74	2.24	2.48	2.19	.35	.03	6.37	9.98
85	246.19	237.55	0.00	2.08	6.57	94.12	24.00	0.00	3.41	.68	1.24	14.72	36.83	42.71	19.71	2.19	.00	83.13	90.56
86	23.37	0.00	0.00	5.75	17.61	3.08	.92	0.00	.03	.01	.07	.12	.55	.42	.49	.05	.03	1.30	2.12
87	22.46	20.80	0.00	0.00	1.66	1.01	.33	0.00	.06	.01	.03	4.26	4.45	5.42	4.45	.77	0.00	10.04	10.76
88	2.01	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	7.92	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	8.42	0.00	0.00	8.42	0.00	3.99	1.25	0.00	0.00	0.00	.09	.92	1.19	.10	.85	.02	0.00	2.83	5.59
91	4.74	0.00	.83	0.00	3.91	.56	.12	0.00	0.00	0.00	0.00	0.00	.13	.01	.01	0.00	0.00	.28	.55
92	14.63	5.77	6.54	.72	1.60	3.45	.84	0.00	0.00	0.00	.07	.80	5.46	.64	1.64	.11	0.00	3.87	4.75
93	1.93	1.81	0.00	.12	0.00	.09	.02	0.00	0.00	0.00	0.00	0.00	1.60	.15	.07	0.00	0.00	.90	.91
94	5.77	.93	4.84	0.00	0.00	2.33	.53	0.00	0.00	0.00	.06	.24	1.65	.24	.73	0.00	0.00	.99	1.37
95	1.02	1.02	0.00	0.00	0.00	.09	.02	0.00	0.00	0.00	0.00	0.00	.81	.07	.04	0.00	0.00	.45	.45
96	.93	.93	0.00	0.00	0.00	.16	.05	0.00	0.00	0.00	.00	.06	.58	.06	0.00	0.00	0.00	.31	.61
97	.90	.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.80	.07	.04	0.00	0.00	.45	.45
98	.98	0.00	0.00	.98	0.00	.20	.06	0.00	0.00	0.00	.01	.07	.59	.06	.00	0.00	0.00	.31	.61
99	.84	0.00	0.00	0.00	.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDTIM	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	107.66	106.64	0.00	0.00	1.02	28.43	6.26	0.00	0.00	0.00	.69	5.70	35.65	5.70	24.22	.00	0.00	52.54	54.10
101	.06	.06	0.00	0.00	0.00	.03	.01	0.00	0.00	0.00	.00	.00	.01	.00	.00	.00	0.00	.02	.04
102	53.32	0.00	0.00	53.32	0.00	14.21	3.13	0.00	0.00	0.00	.35	2.85	17.82	2.85	12.11	.00	0.00	26.27	27.05
103	4.84	0.00	0.00	0.00	4.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	53.63	0.00	53.63	0.00	0.00	14.39	3.23	0.00	0.00	0.00	.30	3.93	17.25	2.75	11.70	.07	.02	25.25	28.38
106	11.82	0.00	0.00	0.00	11.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	11.94	0.00	0.00	11.82	.12	3.00	.99	0.00	0.00	0.00	.08	.77	5.04	.54	1.24	.15	0.00	4.57	6.26
108	100.54	95.45	0.00	1.03	4.07	24.44	5.43	0.00	0.00	0.00	.59	6.29	32.56	5.06	21.87	.22	.02	46.64	49.83
109	.86	0.00	0.00	0.00	.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	4.03	.30	0.00	0.00	3.73	.23	.05	0.00	.01	.00	.00	0.00	0.00	0.00	0.00	0.00	0.00	.11	.19
111	24.77	0.00	0.00	0.00	24.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	2.80	0.00	0.00	2.80	0.00	2.14	.51	0.00	.11	.02	.01	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.80
113	51.39	51.38	.02	0.00	0.00	35.90	11.15	0.00	.37	.07	.84	.57	1.56	.08	.71	.12	.00	0.00	0.00
114	11.94	.00	.00	11.94	0.00	8.22	1.95	0.00	.43	.09	.05	.16	.45	.18	.37	.04	.00	1.84	2.30
115	240.43	111.59	0.00	128.85	0.00	179.84	42.59	0.00	9.47	1.89	1.18	.87	2.24	.72	1.45	.18	.00	0.00	0.00
116	229.45	0.00	51.37	178.08	0.00	168.98	44.45	0.00	5.62	1.12	2.09	1.03	3.21	.72	1.87	.35	.00	85.27	144.18
117	111.59	51.51	60.07	0.00	0.00	81.61	19.33	0.00	4.30	.86	.54	.73	2.01	.67	1.39	.17	.00	0.00	0.00
118	87.26	87.26	0.00	0.00	0.00	61.06	15.78	0.00	2.12	.42	.70	1.03	3.21	.72	1.87	.35	.00	32.74	54.52
119	81.26	0.00	0.00	0.00	81.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	70.69	58.47	0.00	0.00	12.21	40.21	10.36	0.00	1.40	.28	.46	.91	2.60	.57	1.43	.25	.00	21.98	36.49
121	31.36	8.99	0.00	22.37	0.00	22.82	5.88	0.00	.82	.16	.25	.11	.62	.15	.44	.09	0.00	11.78	19.58
122	60.07	0.00	0.00	0.00	60.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	18.12	4.42	13.70	0.00	0.00	13.87	3.28	0.00	.73	.15	.09	0.00	0.00	0.00	0.00	0.00	0.00	6.72	11.40
124	15.27	0.00	0.00	15.27	0.00	11.69	2.77	0.00	.62	.12	.08	0.00	0.00	0.00	0.00	0.00	0.00	5.63	9.64
125	128.85	0.00	75.18	39.05	14.62	87.05	20.62	0.00	4.58	.92	.57	.14	.23	.05	.06	.01	.00	0.00	0.00
126	142.18	0.00	142.18	0.00	0.00	107.92	28.66	0.00	3.51	.70	1.40	0.00	0.00	0.00	0.00	0.00	0.00	52.53	89.66
127	103.64	35.95	11.60	38.12	17.96	65.42	15.50	0.00	3.44	.69	.43	.09	.09	.02	0.00	0.00	0.00	10.51	17.95
128	77.82	0.00	0.00	77.82	0.00	59.10	15.40	0.00	2.17	.43	.70	0.00	0.00	0.00	0.00	0.00	0.00	28.80	49.01
129	64.62	0.00	0.00	0.00	64.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	29.97	0.00	15.50	0.00	14.48	11.86	2.81	0.00	.62	.12	.08	0.00	0.00	0.00	0.00	0.00	0.00	5.74	9.76
131	39.05	0.00	0.00	0.00	39.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	46.82	0.00	46.82	0.00	0.00	35.38	9.79	0.00	.92	.18	.55	0.00	0.00	0.00	0.00	0.00	0.00	17.29	29.53
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	.00	0.00	.00	0.00	0.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
136	7.24	1.98	0.00	0.00	5.26	1.48	.35	0.00	.08	.02	.01	.00	.01	.01	.01	.00	.00	.01	.01
137	.00	.00	0.00	0.00	0.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
138	1.98	0.00	1.98	0.00	0.00	1.48	.35	0.00	.08	.02	.01	.00	.01	.01	.01	.00	.00	.01	.01
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	109.55	0.00	0.00	109.55	0.00	54.69	17.84	0.00	.08	.02	1.47	13.81	16.30	2.49	2.85	.00	.00	51.21	56.38
142	.00	0.00	0.00	.00	0.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
143	69.86	0.00	.00	69.86	0.00	41.66	12.76	0.00	.54	.11	.93	5.35	6.35	1.00	1.16	.00	.00	9.34	13.92
144	260.00	0.00	26.78	233.22	0.00	207.79	49.35	0.00	1.56	.26	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	124.61	116.57	8.04	0.00	0.00	84.50	20.12	0.00	.63	.10	.44	5.08	5.83	.19	7.53	.19	0.00	12.50	16.10
146	560.54	556.99	0.00	3.55	0.00	379.09	96.24	0.00	3.23	.57	3.46	21.83	34.43	9.07	10.80	1.73	.08	96.47	106.26
147	9.61	0.00	0.00	9.61	0.00	6.34	1.87	0.00	.12	.02	.13	.34	.50	.05	.21	.02	.00	.00	.00
148	263.00	0.00	47.17	215.83	0.00	210.19	49.92	0.00	1.58	.26	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	336.86	165.06	0.00	115.52	56.28	142.30	45.84	0.00	.54	.11	3.69	34.30	40.50	6.19	7.10	.00	.00	127.10	139.95

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	HOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	HOTM	COLDS	HOTS
150	107.56	0.00	107.56	0.00	0.00	53.21	17.49	0.00	0.00	0.00	1 46	13.81	16.29	2.48	2.83	0.00	0.00	51.19	56.37
151	392.09	0.00	0.00	386.23	5.86	190.43	59.99	0.00	1.27	.25	4 62	44.72	59.61	9.66	14.37	1.27	.03	180.53	198.79
152	165.13	0.00	105.10	0.00	60.03	51.99	17.09	0.00	0.00	0.00	1 42	13.49	15.91	2.42	2.77	0.00	0.00	50.02	55.08
153	163.74	128.50	35.24	0.00	0.00	115.78	27.55	0.00	.86	.14	59	5.08	5.83	.19	7.53	.19	0.00	11.24	14.52
154	345.68	344.71	0.00	.97	0.00	207.37	55.46	0.00	1.94	.36	2 60	21.83	34.43	9.07	10.80	1.73	.08	96.47	106.26
155	60.03	0.00	60.03	0.00	0.00	35.12	11.55	0.00	0.00	0.00	96	4.84	5.71	.87	.99	0.00	0.00	4.78	5.62
156	386.23	0.00	379.78	0.00	6.44	189.92	59.82	0.00	1.27	.25	4 61	43.16	57.83	9.61	12.07	1.22	.03	177.70	195.67
157	379.78	61.33	0.00	318.45	0.00	189.92	59.82	0.00	1.27	.25	4 61	43.16	57.83	9.61	12.07	1.22	.03	177.70	195.67
158	91.02	0.00	0.00	60.03	30.99	35.12	11.55	0.00	0.00	0.00	96	4.84	5.71	.87	.99	0.00	0.00	4.78	5.62
159	7.55	0.00	0.00	0.00	7.55	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	31.75	22.41	9.34	0.00	0.00	1.15	.27	0.00	.06	.01	01	2.77	15.79	3.77	5.73	2.14	.05	15.08	16.67
161	40.99	7.48	31.52	1.99	0.00	11.29	3.63	0.00	.05	.01	29	6.98	8.37	.33	9.76	.29	.00	8.52	11.09
162	369.73	0.00	28.56	341.17	0.00	226.60	60.03	0.00	2.08	.38	2 70	21.83	34.43	9.07	10.80	1.73	.08	96.47	106.26
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	31.75	0.00	0.00	31.75	0.00	1.15	.27	0.00	.06	.01	01	2.77	15.79	3.77	5.73	2.14	.05	15.08	16.67
165	72.67	0.00	0.00	72.67	0.00	30.75	9.59	0.00	.29	.06	73	6.38	18.63	1.13	3.44	1.67	.00	30.57	33.68
166	55.77	0.00	0.00	55.77	0.00	28.68	9.34	0.00	.05	.01	77	5.28	6.16	.53	4.85	.11	.00	6.76	8.44
167	72.67	0.00	72.67	0.00	0.00	30.75	9.59	0.00	.29	.06	73	6.38	18.63	1.13	3.44	1.67	.00	30.57	33.68
168	55.77	0.00	55.77	0.00	0.00	28.68	9.34	0.00	.05	.01	77	5.28	6.16	.53	4.85	.11	.00	6.76	8.44
169	72.67	0.00	72.67	0.00	0.00	30.75	9.59	0.00	.29	.06	73	6.38	18.63	1.13	3.44	1.67	.00	30.57	33.68
170	55.77	0.00	0.00	55.77	0.00	28.68	9.34	0.00	.05	.01	77	5.28	6.16	.53	4.85	.11	.00	6.76	8.44
171	55.77	0.00	0.00	55.77	0.00	28.68	9.34	0.00	.05	.01	77	5.28	6.16	.53	4.85	.11	.00	6.76	8.44
172	72.67	0.00	0.00	72.67	0.00	30.75	9.59	0.00	.29	.06	73	6.38	18.63	1.13	3.44	1.67	.00	30.57	33.68
173	74.42	50.20	24.09	0.00	.14	30.69	9.57	0.00	.29	.06	72	6.50	19.72	1.13	3.93	1.67	.00	31.45	34.56
174	55.77	0.00	55.77	0.00	0.00	28.68	9.34	0.00	.05	.01	77	5.28	6.16	.53	4.85	.11	.00	6.76	8.44
175	51.99	0.00	0.00	51.99	0.00	23.97	7.88	0.00	.00	.00	66	6.47	9.59	1.12	2.30	.00	0.00	24.83	27.16
176	1.80	.32	0.00	0.00	1.48	.18	.06	0.00	.00	.00	00	.02	.03	.00	.02	.00	0.00	.00	.00
177	30.34	0.00	30.34	0.00	0.00	3.20	1.02	0.00	.02	.00	08	.26	19.24	.01	3.64	2.86	.00	10.80	13.62
178	28.55	0.00	28.55	0.00	0.00	6.10	1.44	0.00	.32	.06	04	2.58	8.67	3.80	4.37	1.11	.05	9.09	11.37
179	91.46	0.00	91.46	0.00	0.00	56.74	13.48	0.00	.43	.07	28	2.57	8.63	3.78	4.33	1.10	.05	9.09	11.37
180	32.14	0.00	1.80	30.34	0.00	4.04	1.30	0.00	.02	.00	10	.33	19.64	.01	3.84	2.86	.00	10.80	13.62
181	91.46	0.00	84.12	7.34	0.00	56.74	13.48	0.00	.43	.07	28	2.57	8.63	3.78	4.33	1.10	.05	9.09	11.37
182	30.42	0.00	0.00	30.42	0.00	6.11	1.57	0.00	.04	.01	06	.23	16.75	.01	3.17	2.49	0.00	11.66	14.70
183	30.34	0.00	30.34	0.00	0.00	3.20	1.02	0.00	.02	.00	08	.26	19.24	.01	3.64	2.86	.00	10.80	13.62
184	28.55	0.00	0.00	28.55	0.00	6.10	1.44	0.00	.32	.06	04	2.58	8.67	3.80	4.37	1.11	.05	9.09	11.37
185	29.47	0.00	0.00	28.55	.92	6.10	1.44	0.00	.32	.06	04	2.58	8.67	3.80	4.37	1.11	.05	9.09	11.37
186	31.52	31.48	.03	0.00	0.00	3.20	1.02	0.00	.02	.00	08	.27	20.11	.01	3.81	2.99	.00	11.39	14.21
187	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
188	15.21	0.00	15.21	0.00	0.00	.01	.00	0.00	.00	.00	00	4.73	5.50	.48	4.38	.10	0.00	6.76	8.45
189	55.48	0.00	.03	55.44	0.00	28.51	9.28	0.00	.05	.01	76	5.26	6.13	.54	4.83	.11	.00	6.77	8.45
190	24.09	24.09	0.00	0.00	0.00	6.73	1.70	0.00	.29	.06	07	.16	11.26	.01	2.15	1.67	.00	7.52	8.30
191	40.26	40.26	0.00	0.00	0.00	28.50	9.28	0.00	.05	.01	76	.53	.62	.06	.44	.01	.00	0.00	0.00
192	24.09	0.00	0.00	24.09	0.00	6.73	1.70	0.00	.29	.06	07	.16	11.26	.01	2.15	1.67	.00	7.52	8.30
193	24.09	0.00	7.35	0.00	16.73	5.60	1.33	0.00	.29	.06	04	.00	.01	.01	.02	.00	.00	0.00	0.00
194	40.26	0.00	40.26	0.00	0.00	28.50	9.28	0.00	.05	.01	76	.53	.62	.06	.44	.01	.00	0.00	0.00
195	44.64	29.47	0.00	15.17	0.00	6.53	1.59	0.00	.32	.06	05	7.34	14.37	4.27	8.84	1.21	.05	15.84	19.80
196	31.46	.44	0.00	0.00	31.04	.33	.08	0.00	.02	.00	00	.00	.00	.00	.00	.00	.00	0.00	0.00
197	51.38	9.01	0.00	40.26	2.11	35.03	10.87	0.00	.37	.07	81	.56	.87	.08	.58	.01	.00	0.00	0.00
198	7.79	7.79	0.00	0.00	0.00	5.93	1.40	0.00	.31	.06	04	.00	.01	.01	.02	.00	.00	0.00	0.00
199	.02	0.00	0.00	0.00	.02	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO1560. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
200	4.15	0.00	0.00	4.15	0.00	2.29	.54	0.00	.12	.02	.02	.16	.44	.17	.35	.04	.00	1.84	2.30
201	67.73	37.94	0.00	29.79	0.00	35.93	8.65	0.00	.26	.04	.21	.23	16.75	.01	3.17	2.49	0.00	11.66	14.70
202	108.38	108.38	0.00	0.00	0.00	70.27	16.69	0.00	.53	.09	.35	2.57	8.63	3.78	4.33	1.10	.05	9.09	11.37
203	26.98	16.58	10.40	0.00	0.00	21.56	5.12	0.00	.16	.03	.11	0.00	0.00	0.00	0.00	0.00	0.00	11.97	15.01
204	204.01	0.00	0.00	0.00	204.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	20.57	17.36	0.00	3.21	0.00	16.44	3.90	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
206	92.81	0.00	0.00	0.00	92.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
207	4.18	.31	2.37	1.51	0.00	3.34	.79	0.00	.03	.00	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
208	144.93	0.00	0.00	0.00	144.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	17.51	0.00	.09	17.42	0.00	13.99	3.32	0.00	.10	.02	.07	0.00	0.00	0.00	0.00	0.00	0.00	5.84	7.48
210	824.83	0.00	0.00	0.00	824.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211	37.28	0.00	0.00	0.00	37.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
212	139.38	136.29	3.09	0.00	0.00	111.40	26.46	0.00	.84	.14	.56	0.00	0.00	0.00	0.00	0.00	0.00	.12	.15
213	45.29	0.00	0.00	0.00	45.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214	24.90	24.27	.63	0.00	0.00	19.90	4.73	0.00	.15	.02	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
215	157.05	0.00	0.00	0.00	157.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
216	7.88	4.50	0.00	3.37	0.00	6.29	1.49	0.00	.05	.01	.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
217	255.22	228.50	0.00	.02	26.70	171.62	40.65	0.00	9.03	1.81	1.13	.71	1.80	.54	1.08	.15	.00	28.39	42.40
218	34.45	4.21	0.00	30.24	.00	17.88	4.03	0.00	.17	.03	.03	1.22	8.23	.48	1.89	.49	.00	12.14	22.31
219	102.32	0.00	0.00	51.60	50.72	29.31	7.32	0.00	1.49	.30	.29	1.19	3.78	2.26	3.68	1.99	.01	8.69	13.07
220	42.51	36.50	0.00	4.86	1.14	20.58	4.90	0.00	.18	.04	.10	1.32	10.56	.50	2.35	.84	.00	14.79	26.57
221	72.67	0.00	72.67	0.00	0.00	30.75	9.59	0.00	.29	.06	.73	6.38	18.63	1.13	3.44	1.67	.00	30.57	33.68
222	55.77	54.39	1.32	.07	0.00	28.68	9.34	0.00	.05	.01	.77	5.28	6.16	.53	4.85	.11	.00	6.76	8.44
223	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
224	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225	19.28	19.28	0.00	0.00	0.00	14.03	3.45	0.00	.64	.13	.13	.08	.40	.26	.14	.01	.00	0.00	0.00
226	94.00	74.60	19.40	0.00	0.00	75.12	17.84	0.00	.56	.09	.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
227	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
229	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
231	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
232	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
233	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
236	23.27	0.00	23.27	0.00	0.00	17.38	4.12	0.00	.91	.18	.11	.10	.27	.06	.12	.02	.00	8.68	14.59
237	69.49	0.00	12.21	0.00	57.28	9.35	2.21	0.00	.49	.10	.06	0.00	0.00	0.00	0.00	0.00	0.00	4.52	7.69
238	72.70	47.60	7.36	0.00	17.74	41.61	11.26	0.00	1.25	.25	.59	0.00	0.00	0.00	0.00	0.00	0.00	20.40	34.56
239	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	3.68	0.00	0.00	0.00	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
*735.4	*481.6	*345.4	*390.4	*14.44	*13.44	*05.26	0.00	488.27	92.93	457.72	*29.15	*89.39	*11.95	*10.65	215.29	3.46	*42.50	*94.01	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

		N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION	1	0.	0.	1.	1.	1.	1.	1.	1.
INTERSECTION	2	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	3	0.	0.	183.	49.	75.	16.	79.	17.
INTERSECTION	4	0.	0.	256.	71.	88.	20.	79.	17.
INTERSECTION	5	48.	6.	346.	91.	71.	13.	95.	20.
INTERSECTION	6	0.	0.	51.	10.	529.	169.	113.	31.
INTERSECTION	7	1.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION	8	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	9	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	10	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	11	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	12	0.	1.	0.	0.	2.	1.	2.	1.
INTERSECTION	13	3.	1.	0.	0.	3.	1.	2.	1.
INTERSECTION	14	0.	0.	1.	1.	1.	1.	1.	1.
INTERSECTION	15	0.	0.	1.	1.	1.	1.	1.	1.
INTERSECTION	16	5.	3.	5.	3.	5.	3.	5.	3.
INTERSECTION	17	5.	3.	5.	3.	5.	3.	0.	0.
INTERSECTION	18	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	19	0.	0.	0.	0.	11.	5.	10.	5.
INTERSECTION	20	0.	0.	2.	1.	2.	1.	2.	1.
INTERSECTION	21	1.	5.	0.	0.	11.	5.	11.	5.
INTERSECTION	22	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	23	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	24	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	25	0.	0.	1.	0.	0.	0.	1.	0.

INTERSECTION 26

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	15.		15.		-0.		15.	
V/GCAP	0.00000		0.00000		0.00000		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	10.	0.	10.	10.	0.	0.	10.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
CAPACITY(VEH)	720.	1.	720.	720.	1.	0.	720.	0.
V/GCAP	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

INTERSECTION 27

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	28.		32.		-0.		32.	
V/GCAP	.57489		.02512		0.00000		.01918	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	509.	9.	7.	7.	509.	9.	7.	7.
QUEUE(VEH)	55.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	724.	1.	83.	0.	0.	0.	0.	23.
CAPACITY(VEH)	556.	795.	1684.	1403.	0.	0.	610.	610.
V/GCAP	.57489	.00066	.02512	0.00000	0.00000	0.00000	0.00000	.01918

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 28	8.	4.	9.	4.	8.	4.	0.	0.

INTERSECTION 29

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	0.		30.		7.		33.	
V/GCAP	0.00000		.31739		.02653		.35146	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	70.	275.	260.	67.	275.	0.	67.	0.
QUEUE(VEH)	0.	0.	2.	2.	0.	0.	2.	0.
VOLUME(VEH)	0.	48.	914.	918.	48.	0.	918.	0.
CAPACITY(VEH)	0.	142.	1168.	1179.	142.	0.	1179.	0.
V/GCAP	0.00000	.02653	.31739	.35146	.02653	0.00000	.35146	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 30	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 31	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 32	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 33	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 34	0.	0.	2.	1.	2.	1.	2.	1.
INTERSECTION 35	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 36	1.	0.	1.	0.	1.	0.	0.	0.
INTERSECTION 37	1.	1.	1.	1.	0.	0.	1.	1.
INTERSECTION 38	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 39

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	35.		32.		39.		0.	
V/GCAP	.15215		.09702		.17074		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	71.	9677.	30.	0.	9677.	0.	0.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	438.	430.	279.	0.	430.	0.	0.	0.
CAPACITY(VEH)	906.	894.	830.	1.	894.	0.	1.	0.
V/GCAP	.15215	.17074	.09702	0.00000	.17074	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 40	4.	2.	0.	0.	4.	2.	4.	2.

INTERSECTION 41

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	52.		32.		44.		0.	
V/GCAP	.38969		.01335		.33366		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	185.	211.	37.	0.	211.	0.	0.	0.
QUEUE(VEH)	46.	20.	0.	0.	20.	0.	0.	0.
VOLUME(VEH)	1122.	420.	38.	0.	420.	0.	0.	0.
CAPACITY(VEH)	1130.	421.	686.	1.	421.	0.	1.	0.
V/GCAP	.38969	.33366	.01335	0.00000	.33366	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 42	76.	11.	0.	0.	75.	10.	79.	11.
INTERSECTION 43	11.	5.	11.	5.	11.	5.	11.	5.
INTERSECTION 44	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 45	0.	0.	3.	0.	6.	0.	3.	0.
INTERSECTION 46	1.	1.	1.	1.	1.	1.	0.	0.
INTERSECTION 47	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 48	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 49	0.	0.	1.	0.	0.	0.	0.	0.

INTERSECTION	50	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	51	3.	2.	3.	2.	3.	2.	0.	0.
INTERSECTION	52	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION	53	0.	0.	1.	1.	2.	1.	0.	0.
INTERSECTION	54	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	10916.888	77.348	89.348	0.000	0.000	27.177	109.745	459.917
PARKNG	2	10226.320	44.881	56.881	0.000	0.000	93.322	109.580	274.817
PARKNG	3	18032.620	127.361	139.361	0.000	0.000	54.663	81.773	791.749
PARKNG	4	4071.620	67.981	79.981	0.000	0.000	28.833	25.971	435.078
PARKNG	5	7275.921	36.473	48.473	0.000	0.000	77.645	96.296	223.034
PARKNG	6	10092.320	45.558	57.558	0.000	0.000	147.889	54.218	291.574
PARKNG	7	5377.027	43.954	55.954	0.000	0.000	67.486	36.423	281.305
PARKNG	8	725.038	39.217	51.217	0.000	0.000	5.636	11.127	248.642
PARKNG	9	3738.655	56.479	68.479	0.000	0.000	21.108	40.602	335.582
PARKNG	10	37151.077	330.265	342.265	0.000	0.000	46.297	64.509	2083.188
PARKNG	11	2814.860	142.061	154.061	0.000	0.000	5.433	13.922	898.364
PARKNG	12	40680.677	92.294	104.294	0.000	0.000	373.391	18.835	590.679
PARKNG	13	159.450	29.555	41.555	0.000	0.000	1.321	3.537	187.189
PARKNG	14	10558.013	50.114	62.114	0.000	0.000	163.025	8.617	320.732
PARKNG	15	12090.926	121.706	133.706	0.000	0.000	24.724	72.183	751.982
PARKNG	16	241317.159	248.169	260.169	0.000	0.000	742.273	194.226	1588.280
PARKNG	17	5394.863	72.263	84.263	0.000	0.000	22.580	48.326	453.637
PARKNG	18	359.512	39.218	51.218	0.000	0.000	3.596	4.470	249.299
PARKNG	19	6273.052	96.414	108.414	0.000	0.000	19.607	43.016	610.291

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1545. TO 1560. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	12.	12.	12.	2	11.	11.	11.	3	5.	5.	5.	4	83.	83.	83.	5	192.	192.	192.	6	86.	86.	86.
7	267.	267.	267.	8	104.	104.	104.	9	354.	354.	354.	10	120.	120.	120.	11	58.	58.	58.	12	8.	8.	8.
13	2.	2.	2.	14	2.	2.	2.	15	2.	2.	2.	16	2.	2.	2.	17	7.	7.	7.	18	7.	7.	7.
19	6.	6.	6.	20	6.	6.	6.	21	8.	8.	8.	22	7.	7.	7.	23	1.	1.	1.	24	530.	530.	530.
25	2.	2.	2.	26	2.	2.	2.	27	0.	0.	0.	28	71.	71.	71.	29	4.	4.	4.	30	4.	4.	4.
31	1.	1.	1.	32	1.	1.	1.	33	1.	1.	1.	34	1.	1.	1.	35	7.	7.	7.	36	1.	1.	1.
37	1.	1.	1.	38	89.	89.	89.	39	1.	1.	1.	40	75.	75.	75.	41	8.	8.	8.	42	3.	3.	3.
43	8.	8.	8.	44	10.	10.	10.	45	7.	7.	7.	46	12.	12.	12.	47	1.	1.	1.	48	1.	1.	1.
49	4.	4.	4.	50	7.	7.	7.	51	7.	7.	7.	52	3.	3.	3.	53	3.	3.	3.	54	3.	3.	3.
55	5.	5.	5.	56	6.	6.	6.	57	4.	4.	4.	58	4.	4.	4.	59	7.	7.	7.	60	6.	6.	6.
61	3.	3.	3.	62	5.	5.	5.	63	3.	3.	3.	64	4.	4.	4.	65	9.	9.	9.	66	10.	10.	10.
67	3.	3.	3.	68	6.	6.	6.	69	3.	3	3.	70	5.	5.	5.	71	3.	3.	3.	72	5.	5.	5.
73	3.	3.	3.	74	4.	4.	4.	75	13.	13.	13.	76	8.	8.	8.	77	512.	512.	512.	78	5.	5.	5.
79	11.	11.	11.	80	13.	13.	13.	81	72.	72.	72.	82	7.	7.	7.	83	10.	10.	10.	84	2.	2.	2.
85	3	3.	3.	86	9.	9.	9.	87	9.	9.	9.	88	12.	12.	12.	89	12.	12.	12.	90	3.	3.	3.
91	3.	3.	3.	92	2.	2.	2.	93	2.	2.	2.	94	2.	2.	2.	95	2.	2.	2.	96	2.	2.	2.
97	2.	2.	2.	98	2.	2.	2.	99	3.	3.	3.	100	3.	3.	3.	101	3.	3.	3.	102	3.	3.	3.
103	2.	2.	2.	104	2.	2.	2.	105	2.	2.	2.	106	2.	2.	2.	107	2.	2.	2.	108	2.	2.	2.
109	3.	3.	3.	110	12.	12.	12.	111	3.	3.	3.	112	4.	4.	4.	113	7.	7.	7.	114	281.	281.	281.
115	8.	8.	8.	116	72.	72.	72.	117	4.	4.	4.	118	6.	6.	6.	119	4.	4.	4.	120	5.	5.	5.
121	2.	2.	2.	122	1.	1.	1.	123	3.	3.	3.	124	3.	3.	3.	125	4.	4.	4.	126	5.	5.	5.
127	4.	4.	4.	128	5.	5.	5.	129	7.	7.	7.	130	7.	7.	7.	131	3.	3.	3.	132	4.	4.	4.
133	2.	2.	2.	134	2.	2.	2.	135	3.	3.	3.	136	3.	3.	3.	137	1.	1.	1.	138	1.	1.	1.
139	12.	12.	12.	140	12.	12.	12.	141	75.	75.	75.	142	4.	4.	4.	143	33.	33.	33.	144	14.	14.	14.
145	7.	7.	7.	146	14.	14.	14.	147	39.	39.	39.	148	7.	7.	7.	149	189.	189.	189.	150	9680.	9680.	9680.
151	10.	10.	10.	152	219.	219.	219.	153	92.	92.	92.	154	20.	20.	20.	155	2.	2.	2.	156	2.	2.	2.
157	20.	20.	20.	158	7.	7.	7.	159	1.	1.	1.	160	13.	13.	13.	161	12.	12.	12.	162	80.	80.	80.
163	3.	3.	3.	164	3.	3.	3.	165	1.	1.	1.	166	1.	1.	1.	167	3.	3.	3.	168	3.	3.	3.
169	4.	4.	4.	170	4.	4.	4.	171	8.	8.	8.	172	8.	8.	8.	173	5.	5.	5.	174	4.	4.	4.
175	4.	4.	4.	176	2.	2.	2.	177	4.	4.	4.	178	7.	7.	7.	179	0.	0.	0.	180	6.	6.	6.
181	24.	24.	24.	182	23.	23.	23.	183	1.	1.	1.	184	1.	1.	1.	185	3.	3.	3.	186	3.	3.	3.
187	5.	5.	5.	188	5.	5.	5.	189	7.	7.	7.	190	6.	6.	6.	191	2.	2.	2.	192	2.	2.	2.
193	5.	5.	5.	194	4.	4.	4.	195	4.	4.	4.	196	4.	4.	4.	197	3.	3.	3.	198	3.	3.	3.
199	1.	1.	1.	200	2.	2.	2.	201	22.	22.	22.	202	22.	22.	22.	203	2.	2.	2.	204	1.	1.	1.
205	2.	2.	2.	206	1.	1.	1.	207	49.	49.	49.	208	1.	1.	1.	209	1.	1.	1.	210	1.	1.	1.
211	1.	1.	1.	212	2.	2.	2.	213	2.	2.	2.	214	3.	3.	3.	215	14.	14.	14.	216	89.	89.	89.
217	262.	262.	262.	218	2.	2.	2.	219	1.	1.	1.	220	9.	9.	9.	221	8.	8.	8.	222	19.	19.	19.
223	8.	8.	8.	224	8.	8.	8.	225	4.	4.	4.	226	1.	1.	1.	227	2.	2.	2.	228	2.	2.	2.
229	1.	1.	1.	230	1.	1.	1.	231	2.	2.	2.	232	2.	2.	2.	233	1.	1.	1.	234	1.	1.	1.
235	2.	2.	2.	236	2.	2.	2.	237	4.	4.	4.	238	4.	4.	4.	239	4.	4.	4.	240	4.	4.	4.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK	772.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES	119.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK	731.(VEH-MI)
TOTAL INTERSECTION DELAY ON NETWORK	740.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS	13660.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS	1652.(M)

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	254.	18.	76.	255.	187.	40.	188.
INDS	0.	0.	11.	48.	0.	0.	0.
SHOP	110.	14.	62.	91.	64.	18.	72.
SERV	149.	35.	53.	175.	125.	59.	101.
EXTN	157.	0.	72.	67.	0.	0.	0.
ADMN	0.	10.	45.	42.	0.	0.	42.
FLTL	57.	30.	112.	18.	0.	47.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	34	7	0	3	3	0	0	0	0	47
OK	EXTN	327	72	0	33	31	0	0	0	0	463
BE	EXTN	8	2	0	1	1	0	0	0	0	12
DC	EXTN	33	7	0	3	3	0	0	0	0	46
ED	EXTN	11	2	0	1	1	0	0	0	0	15
ER	EXTN	2	0	0	0	0	0	0	0	0	2
MC	EXTN	198	43	0	20	19	0	0	0	0	280
MO	EXTN	41	9	0	4	4	0	0	0	0	58
SH	EXTN	55	12	0	6	5	0	0	0	0	78
TV	EXTN	7	2	0	1	1	0	0	0	0	11
1	SERV	100	45	11	16	53	38	18	31	3	315
2	HOME	14	129	9	38	129	95	20	95	0	529
3	SERV	130	68	16	24	81	57	27	46	16	465
4	SERV	85	35	8	13	42	30	14	24	0	251
5	HOME	13	125	9	37	126	92	20	93	0	515
6	SHOP	86	80	10	45	67	47	13	52	1	401
7	INDS	614	0	0	2	9	0	0	0	134	759
8	ADMN	3	0	1	6	6	0	0	6	34	56
9	SHOP	0	30	4	17	25	17	5	19	0	117
10	ADMN	822	0	9	38	36	0	0	36	27	968
11	INDS	361	0	0	1	3	0	0	0	38	403
12	INDS	627	0	0	1	4	0	0	0	10	642
13	INDS	47	0	0	0	1	0	0	0	8	56
14	INDS	316	0	0	1	3	0	0	0	10	330
15	FLTL	906	24	13	46	7	0	19	0	50	1065
16	FLTL	4996	34	18	65	10	0	27	0	81	5231
17	INDS	522	0	0	4	18	0	0	0	150	694
18	INDS	170	0	0	0	1	0	0	0	7	178
19	INDS	640	0	0	2	9	0	0	0	145	796
TOTAL		11168	726	108	428	698	376	163	402	714	14783

BATS MODEL OUTPUT 76/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	336	0	0	0	0	27	0	0	0	363
OK	EXTN	3268	0	0	0	0	258	0	0	0	3526
BE	EXTN	77	0	0	0	0	6	0	0	0	83
DC	EXTN	333	0	0	0	0	26	0	0	0	359
ED	EXTN	112	0	0	0	0	9	0	0	0	121
ER	EXTN	17	0	0	0	0	1	0	0	0	18
MC	EXTN	1983	0	0	0	0	156	0	0	0	2139
MO	EXTN	407	0	0	0	0	32	0	0	0	439
SH	EXTN	547	0	0	0	0	43	0	0	0	590
TV	EXTN	71	0	0	0	0	6	0	0	0	77
1	SERV	405	0	0	0	281	0	0	0	3	689
2	HOME	133	368	0	0	0	0	0	0	0	501
3	SERV	19	0	0	0	415	0	0	0	16	450
4	SERV	114	0	0	0	1	0	0	0	0	115
5	HOME	123	358	0	0	0	0	0	0	0	481
6	SHOP	9	0	0	240	0	0	0	0	1	250
7	INDS	62	0	29	0	0	0	0	0	134	225
8	ADMN	0	0	0	0	0	0	34	0	34	68
9	SHOP	0	0	0	190	0	0	0	0	0	190
10	ADMN	82	0	0	0	0	0	206	0	27	315
11	INDS	36	0	11	0	0	0	0	0	38	85
12	INDS	62	0	13	0	0	0	0	0	10	85
13	INDS	5	0	2	0	0	0	0	0	8	15
14	INDS	32	0	9	0	0	0	0	0	10	51
15	FLTL	90	0	0	0	0	0	0	239	50	379
16	FLTL	500	0	0	0	0	0	0	337	81	918
17	INDS	52	0	58	0	0	0	0	0	150	260
18	INDS	17	0	5	0	0	0	0	0	7	29
19	INDS	64	0	30	0	0	0	0	0	145	239
TOTAL		8956	726	157	430	697	564	240	576	714	13060

7.	2.	1.	2.	2.	0.	1.	0.	0.	0.
63.	15.	9.	17.	15.	4.	9.	3.	0.	0.
1.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6.	2.	1.	2.	1.	0.	1.	0.	0.	0.
2.	0.	0.	1.	1.	0.	0.	0.	0.	0.
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
38.	9.	5.	10.	9.	2.	5.	2.	0.	0.
8.	2.	1.	2.	2.	1.	1.	0.	0.	0.
10.	2.	1.	3.	3.	1.	1.	0.	0.	0.
1.	0.	0.	0.	0.	0.	0.	0.	0.	0.
0.	0.	0.	12.	0.	1.	0.	1.	27.	0.
1.	0.	0.	24.	1.	3.	0.	2.	65.	0.
0.	0.	0.	17.	0.	2.	0.	2.	43.	0.
0.	0.	0.	10.	0.	1.	0.	1.	21.	0.
1.	0.	0.	23.	1.	3.	0.	2.	63.	0.
109.	0.	0.	2.	0.	0.	0.	0.	41.	0.
42.	10.	1.	4.	0.	0.	0.	0.	22.	0.
0.	0.	0.	0.	0.	0.	0.	0.	8.	0.
6.	0.	0.	0.	0.	0.	0.	0.	16.	0.
21.	2.	0.	1.	0.	0.	0.	0.	23.	0.
0.	0.	0.	0.	0.	0.	0.	0.	7.	0.
67.	117.	67.	105.	0.	0.	0.	0.	2.	0.
0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
40.	47.	28.	79.	0.	0.	0.	0.	2.	0.
3.	0.	0.	0.	0.	0.	0.	0.	24.	0.

0.	0.	0.	137.	215.	210.	138.	48.	36.	0.
0.	0.	0.	0.	0.	0.	0.	0.	26.	0.
0.	0.	0.	0.	0.	0.	0.	4.	1.	0.
0.	0.	0.	0.	0.	0.	0.	0.	25.	0.
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4	6	8	1	5	7	3	2	0	0
4	6	8	1	5	7	3	2	0	0
4	6	8	1	5	7	3	2	0	0
4	6	8	1	5	7	3	2	0	0
4	6	8	1	5	7	3	2	0	0
1	4	2	3	6	8	5	7	0	0
1	2	4	3	6	8	5	7	0	0
8	7	6	5	4	3	2	1	0	0
1	4	2	3	6	8	5	7	0	0
1	2	4	3	6	8	5	7	0	0
8	7	6	5	4	3	2	1	0	0
2	4	3	1	6	8	5	7	0	0
8	7	6	5	4	3	2	1	0	0
4	2	1	3	6	8	5	7	0	0
1	4	2	3	6	8	5	7	0	0
5	6	7	4	8	1	3	2	0	0
8	7	6	5	4	3	2	1	0	0
8	7	6	4	5	1	3	2	0	0
8	7	6	5	4	3	2	1	0	0
16	22	22	26	26	26	26	26	0	0
22	24	24	22	12	12	12	26	0	0
17	17	17	24	15	15	15	12	0	0
24	20	20	12	13	13	13	15	0	0
20	16	16	15	11	11	11	13	0	0
19	19	12	13	14	14	14	11	0	0
25	25	15	11	22	22	26	14	0	0
12	12	25	14	24	24	22	22	0	0
15	15	13	17	17	26	24	24	0	0
13	13	11	16	16	17	17	17	0	0
11	11	14	20	20	16	16	16	0	0
14	14	19	19	19	20	20	20	0	0
26	26	26	25	25	19	19	19	0	0
28	28	28	28	28	25	25	25	0	0
29	29	29	29	29	29	29	29	0	0
27	27	27	27	27	27	27	27	0	0
23	23	23	23	23	23	23	23	0	0
21	21	21	21	21	21	21	21	0	0
18	18	18	18	18	18	18	18	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

C.4. MATRIX ASSOCIATING ZONES WITH GATES

ZONE	GATE.1	GATE 2	GATE 3	GATE 4	GATE 5	GATE 6	GATE 7	GATE 8	GATE 9	GATE10
1	0	0	0	1	0	0	0	0	0	0
2	0	0	0	1	0	0	0	0	0	0
3	0	0	0	1	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	0
5	0	0	0	1	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0
8	1	1	1	1	1	1	1	1	0	0
9	1	0	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	0	0	0	0
11	1	1	1	1	1	1	1	1	0	0
12	1	1	1	1	1	1	1	1	0	0
13	1	1	1	1	1	1	1	1	0	0
14	0	1	1	1	0	0	0	0	0	0
15	1	1	1	1	0	0	0	0	0	0
16	1	1	1	1	1	1	1	1	0	0
17	1	1	1	1	1	1	1	1	0	0
18	0	0	0	0	0	0	0	1	0	0
19	1	1	1	1	1	1	1	1	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	8	2	0	1	1	0	0	0	0	12
OK	EXTN	72	16	0	7	7	0	0	0	0	102
BE	EXTN	2	0	0	0	0	0	0	0	0	2
DC	EXTN	7	2	0	1	1	0	0	0	0	11
ED	EXTN	2	0	0	0	0	0	0	0	0	2
ER	EXTN	0	0	0	0	0	0	0	0	0	0
MC	EXTN	44	9	0	4	4	0	0	0	0	61
MO	EXTN	9	2	0	1	1	0	0	0	0	13
SH	EXTN	12	3	0	1	1	0	0	0	0	17
TV	EXTN	2	0	0	0	0	0	0	0	0	2
1	SERV	3	15	4	5	17	12	6	10	1	73
2	HOME	0	42	3	12	42	31	7	31	0	168
3	SERV	1	22	5	8	26	19	9	15	5	110
4	SERV	1	11	3	4	14	10	5	8	0	56
5	HOME	0	41	3	12	41	30	7	30	0	164
6	SHOP	1	26	3	15	22	15	4	17	0	103
7	INDS	790	0	0	1	3	0	0	0	44	838
8	ADMN	4	0	0	2	2	0	0	2	11	21
9	SHOP	0	10	1	6	8	6	2	6	0	39
10	ADMN	23	0	3	12	12	0	0	12	9	71
11	INDS	523	0	0	0	1	0	0	0	12	536
12	INDS	713	0	0	0	1	0	0	0	3	717
13	INDS	10	0	0	0	0	0	0	0	3	13
14	INDS	22	0	0	0	1	0	0	0	3	26
15	FLTL	2	8	4	15	2	0	6	0	16	53
16	FLTL	334	11	6	21	3	0	9	0	26	410
17	INDS	917	0	0	1	6	0	0	0	49	973
18	INDS	3	0	0	0	0	0	0	0	2	5
19	INDS	149	0	0	1	3	0	0	0	47	200
TOTAL		3654	220	35	130	219	123	55	131	231	4798

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	110	0	0	0	0	9	0	0	0	119
OK	EXTN	1065	0	0	0	0	84	0	0	0	1149
BE	EXTN	25	0	0	0	0	2	0	0	0	27
DC	EXTN	109	0	0	0	0	8	0	0	0	117
ED	EXTN	37	0	0	0	0	3	0	0	0	40
ER	EXTN	6	0	0	0	0	0	0	0	0	6
MC	EXTN	646	0	0	0	0	51	0	0	0	697
MO	EXTN	133	0	0	0	0	10	0	0	0	143
SH	EXTN	178	0	0	0	0	14	0	0	0	192
TV	EXTN	23	0	0	0	0	2	0	0	0	25
1	SERV	42	0	0	0	62	0	0	0	1	105
2	HOME	14	81	0	0	0	0	0	0	0	95
3	SERV	2	0	0	0	92	0	0	0	4	98
4	SERV	12	0	0	0	0	0	0	0	0	12
5	HOME	13	79	0	0	0	0	0	0	0	92
6	SHOP	2	0	0	53	0	0	0	0	0	55
7	INDS	13	0	6	0	0	0	0	0	30	49
8	ADMN	0	0	0	0	0	0	8	0	8	16
9	SHOP	0	0	0	42	0	0	0	0	0	42
10	ADMN	17	0	0	0	0	0	45	0	6	68
11	INDS	8	0	2	0	0	0	0	0	8	18
12	INDS	14	0	3	0	0	0	0	0	2	19
13	INDS	1	0	0	0	0	0	0	0	2	3
14	INDS	8	0	2	0	0	0	0	0	2	12
15	FLTL	20	0	0	0	0	0	0	53	11	84
16	FLTL	110	0	0	0	0	0	0	74	18	202
17	INDS	11	0	13	0	0	0	0	0	33	57
18	INDS	3	0	1	0	0	0	0	0	2	6
19	INDS	14	0	7	0	0	0	0	0	32	53
TOTAL		2636	160	34	95	154	183	53	127	159	3601

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

D.1. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (PERSONS)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	5.	7.	3.	65.	0.	20.	2.	25.	0.	1.	0.	1.	1.	7.	0.	39.	0.	0.	
OK	40.	65.	26.	636.	4.	201.	21.	242.	1.	6.	1.	11.	6.	69.	3.	384.	0.	0.	
BE	0.	2.	1.	15.	0.	5.	1.	6.	0.	0.	0.	0.	0.	2.	0.	9.	0.	0.	
DC	5.	6.	3.	64.	0.	24.	2.	23.	0.	0.	0.	1.	0.	7.	0.	39.	0.	0.	
ED	0.	2.	1.	22.	0.	7.	1.	9.	0.	0.	0.	0.	0.	2.	0.	13.	0.	0.	
ER	0.	0.	0.	3.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	2.	0.	0.	
MC	23.	37.	14.	380.	3.	144.	15.	136.	1.	3.	0.	5.	3.	41.	2.	234.	0.	0.	
MO	5.	8.	3.	79.	1.	25.	3.	30.	0.	1.	0.	1.	1.	9.	0.	48.	0.	0.	
SH	7.	12.	5.	106.	1.	32.	3.	41.	0.	1.	0.	2.	1.	12.	0.	63.	0.	0.	
TV	0.	2.	1.	14.	0.	4.	1.	5.	0.	0.	0.	0.	0.	1.	0.	8.	0.	0.	
1	11.	22.	5.	5.	2.	1.	2.	1.	1.	0.	0.	0.	0.	0.	0.	0.	58.	77.	
2	24.	19.	11.	4.	5.	1.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.	137.	71.	
3	15.	8.	7.	2.	3.	0.	3.	0.	1.	0.	0.	0.	0.	0.	0.	0.	90.	88.	
4	9.	5.	4.	1.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	45.	6.	
5	24.	18.	10.	4.	4.	1.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.	134.	68.	
6	22.	9.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	87.	46.	
7	13.	0.	708.	6.	22.	0.	14.	0.	1.	0.	0.	0.	0.	0.	0.	0.	82.	42.	
8	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.	16.	
9	2.	3.	5.	4.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.	35.	
10	1.	1.	15.	7.	4.	1.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	49.	59.	
11	2.	0.	426.	4.	48.	0.	25.	0.	1.	0.	0.	0.	0.	0.	0.	0.	35.	14.	
12	2.	0.	167.	4.	348.	2.	166.	1.	1.	0.	0.	0.	0.	0.	0.	0.	35.	12.	
13	0.	0.	1.	0.	4.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	2.	
14	0.	0.	7.	3.	9.	1.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	8.	
15	0.	1.	1.	6.	1.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	51.	74.	
16	1.	1.	10.	6.	6.	1.	286.	43.	5.	2.	5.	1.	7.	4.	1.	0.	90.	145.	
17	13.	1.	5.	0.	2.	0.	2.	0.	1.	0.	7.	0.	19.	1.	830.	4.	95.	51.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	1.	2.	4.	
19	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.	0.	124.	7.	6.	0.	57.	46.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	7	8	10	0	7	3	1	1	2	5	0	0	0	0	4	6	2	0	1	1	10	0	1	0	0	6	1	2	0
2	17	21	25	0	21	7	1	1	5	6	0	0	0	0	13	18	1	0	1	2	21	1	2	1	0	12	3	4	0
3	10	11	16	0	11	5	2	1	4	8	0	0	0	0	6	10	3	0	2	1	13	0	1	0	0	8	2	2	0
4	6	6	8	0	5	2	1	1	2	4	0	0	0	0	3	5	1	0	1	1	7	0	1	0	0	4	1	1	0
5	17	21	24	0	20	7	1	1	5	6	0	0	0	0	13	17	1	0	1	2	21	0	2	1	0	12	3	4	0
6	9	13	13	0	13	8	1	1	7	3	0	0	0	0	7	10	1	0	1	1	11	0	1	0	0	6	1	2	0
7	6	2	3	1	1	1	9	2	0	4	3	3	1	2	5	17	10	1	11	36	347	8	35	12		2208	43	58	8
8	1	0	1	0	0	1	2	1	1	0	1	0	0	0	2	2	2	0	2	0	2	0	0	0	0	1	0	0	0
9	3	5	5	0	5	3	0	0	3	2	0	0	0	0	3	3	0	0	0	0	4	0	0	0	0	2	1	1	0
10	5	0	7	0	0	7	3	0	5	0	0	0	0	0	6	8	3	0	3	1	10	0	1	0	0	6	1	2	0
11	3	1	1	1	1	0	3	1	0	1	2	1	0	1	3	9	3	0	3	24	229	5	23	8		1139	29	38	5
12	4	1	1	1	1	0	2	0	0	2	1	1	0	1	2	11	2	0	2	31	307	7	33	11		2198	38	50	7
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	4	0	0	0	0	3	1	1	0
14	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	9	0	1	0	0	6	1	2	0
15	1	4	1	0	4	8	4	2	7	6	1	0	0	0	1	2	5	0	4	0	1	0	0	0	0	1	0	0	0
16	3	7	3	1	6	12	7	2	9	10	1	2	0	0	3	8	7	0	7	16	149	4	14	5	1	84	19	26	3
17	7	2	5	2	2	1	11	2	0	4	3	3	1	2	6	20	11	1	12	41	401	9	41	14		2244	50	67	9
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
19	2	0	3	0	0	1	9	2	0	2	2	1	1	1	3	7	10	1	9	7	66	2	6	2	0	38	8	11	1
NO	2	1	1	0	1	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	13	11	5	3	11	4	3	0	3	4	2	3	0	2	5	26	3	1	3	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	7	7	3	2	6	3	2	0	2	2	1	2	0	1	3	17	2	0	2	0	0	0	0	0	0	0	0	0	0
MO	2	1	1	0	1	1	0	0	0	1	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	2	2	1	0	2	1	1	0	1	1	0	1	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

D.4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	0	0	8	2	0	2	2	1	1	1	3	5	9	1	9	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	2	1	0	0	1	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	1	0	0	1	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	3	1	0	1	1	0	0	0	1	2	3	0	3	0	0	0	0	0	0	0	0	0	0
16	0	0	1	0	0	0	5	1	0	1	1	0	0	0	2	3	5	0	5	0	0	0	0	0	0	0	0	0	0
17	0	0	1	0	0	0	9	2	0	2	2	1	1	1	3	6	10	1	10	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	0	9	2	0	2	2	1	1	1	3	5	10	1	9	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

E.1. MODAL SPLIT - VEHICLE LOAD FACTORS

ZONE	PERSONS PER VEHICLE	PERSONS PER MIL. VEHICLE	CIVILIAN VEH TRIPS ORG-GATE	CIVILIAN VEH TRIPS GATE-DEST	MILITARY VEH TRIPS ORG-GATE	MILITARY VEH TRIPS GATE-DEST	PERCENT MOTOR VEHICLES	PERCENT MILITARY VEHICLES	PERSON TRIPS FROM ORIGIN	PERSON TRIPS TO DEST.
NO	1.35800	1.35300	8.84	122.99	0.00	0.00	100.100	99.100	12.000	167.019
OK	1.35800	1.35300	75.11	1188.45	0.00	0.00	100.100	99.100	102.000	1613.910
BE	1.35800	1.35300	1.47	27.92	0.00	0.00	100.100	99.100	2.000	37.913
DC	1.35800	1.35300	8.10	121.19	0.00	0.00	100.100	99.100	11.000	164.582
ED	1.35800	1.35300	1.47	41.35	0.00	0.00	100.100	99.100	2.000	56.152
ER	1.35800	1.35300	0.00	6.35	0.00	0.00	100.100	99.100	0.000	8.619
MC	1.35800	1.35300	44.92	720.91	0.00	0.00	100.100	99.100	61.000	979.002
MO	1.35800	1.35300	9.57	148.06	0.00	0.00	100.100	99.100	13.000	201.059
SH	1.35800	1.35300	12.52	198.60	0.00	0.00	100.100	99.100	17.000	269.703
TV	1.35800	1.35300	1.47	25.80	0.00	0.00	100.100	99.100	2.000	35.040
1	1.34000	1.16500	57.74	77.24	1.17	1.17	99.300	100.000	78.728	104.868
2	1.34000	1.45500	136.66	71.26	0.00	0.00	99.300	100.000	183.122	95.489
3	1.34000	1.35300	84.03	69.81	4.90	3.29	99.300	99.100	119.227	98.001
4	1.34000	1.35300	45.40	9.13	0.00	0.00	99.300	99.100	60.836	12.237
5	1.34000	1.35300	133.31	68.32	0.00	0.00	99.300	99.100	178.634	91.544
6	1.34000	1.47500	82.30	41.35	0.00	0.00	99.300	100.000	110.275	55.408
7	1.34000	1.34300	290.16	10.40	335.22	25.93	103.800	100.000	839.008	48.757
8	1.34000	1.21000	5.49	5.97	11.14	6.61	103.800	100.000	20.833	16.000
9	1.34000	1.46600	31.29	31.07	0.00	0.00	99.300	100.000	41.927	41.632
10	1.36400	1.48000	42.52	44.68	8.82	4.66	100.000	100.000	71.039	67.836
11	1.34000	1.29400	262.93	5.81	142.06	8.02	99.000	100.000	536.158	18.158
12	1.34000	1.49200	490.05	11.99	41.26	2.15	99.000	100.000	718.224	19.276
13	1.34000	1.49100	0.00	0.00	8.44	1.69	99.000	100.000	12.582	2.520
14	1.36400	1.32200	7.65	6.69	11.84	2.30	102.000	100.000	26.081	12.158
15	1.34000	1.40000	27.10	53.62	11.86	8.96	99.000	100.000	52.916	84.395
16	1.34000	1.42100	217.61	132.14	83.36	17.66	99.000	100.000	410.051	202.171
17	1.34000	1.37400	351.85	14.94	365.52	26.71	99.000	100.000	973.704	56.717
18	1.34000	1.34800	0.00	2.07	3.62	2.06	99.000	100.000	4.875	5.559
19	1.34000	1.26800	26.16	12.10	129.91	29.23	99.000	100.000	199.777	53.276

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

E.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	4.	5.	2.	48.	0.	15.	2.	19.	0.	1.	0.	1.	1.	5.	0.	29.	0.	0.	
OK	30.	48.	19.	469.	3.	148.	16.	179.	1.	5.	0.	8.	4.	51.	2.	283.	0.	0.	
BE	0.	1.	0.	11.	0.	3.	0.	4.	0.	0.	0.	0.	0.	1.	0.	7.	0.	0.	
DC	3.	4.	2.	47.	0.	17.	2.	17.	0.	0.	0.	1.	0.	5.	0.	29.	0.	0.	
ED	0.	2.	0.	16.	0.	5.	0.	6.	0.	0.	0.	0.	0.	2.	0.	10.	0.	0.	
ER	0.	0.	0.	3.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	2.	0.	0.	
MC	17.	27.	11.	280.	2.	106.	11.	100.	0.	2.	0.	4.	2.	30.	1.	172.	0.	0.	
MO	4.	6.	2.	58.	0.	18.	2.	22.	0.	1.	0.	1.	1.	6.	0.	35.	0.	0.	
SH	5.	9.	3.	78.	1.	24.	2.	30.	0.	1.	0.	2.	1.	9.	0.	47.	0.	0.	
TV	0.	1.	0.	10.	0.	3.	0.	4.	0.	0.	0.	0.	0.	1.	0.	6.	0.	0.	
1	8.	16.	4.	4.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	43.	57.	
2	18.	14.	8.	3.	4.	0.	3.	0.	1.	0.	0.	0.	0.	0.	0.	0.	102.	53.	
3	11.	6.	5.	1.	2.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	67.	65.	
4	6.	4.	3.	1.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.	4.	
5	18.	13.	8.	3.	3.	0.	3.	0.	1.	0.	0.	0.	0.	0.	0.	0.	99.	50.	
6	16.	7.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	64.	34.	
7	10.	0.	537.	5.	17.	0.	10.	0.	1.	0.	0.	0.	0.	0.	0.	0.	62.	32.	
8	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	13.	
9	1.	2.	4.	3.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.	26.	
10	1.	1.	11.	5.	3.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	35.	43.	
11	1.	0.	320.	3.	36.	0.	18.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	11.	
12	1.	0.	122.	3.	255.	2.	121.	1.	1.	0.	0.	0.	0.	0.	0.	0.	26.	9.	
13	0.	0.	0.	0.	3.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	1.	
14	0.	0.	6.	2.	7.	1.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	6.	
15	0.	1.	0.	4.	1.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	37.	54.	
16	0.	0.	7.	4.	4.	1.	209.	32.	3.	1.	3.	1.	5.	3.	1.	0.	66.	106.	
17	10.	0.	4.	0.	2.	0.	2.	0.	0.	0.	5.	0.	14.	0.	608.	3.	70.	37.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	1.	1.	3.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.	0.	97.	5.	5.	0.	44.	36.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

F.1. CALIBRATION FACTORS (FACTOR*GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
.702	1.021	1.029	.705

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	5.	18.	4.	28.	1.	14.	0.	16.	1.	13.	1.	21.	1.	4.	0.	7.	0.	0.	
OK	40.	170.	35.	292.	5.	147.	5.	162.	8.	105.	6.	174.	6.	44.	2.	72.	0.	0.	
BE	0.	4.	1.	7.	0.	3.	0.	4.	0.	3.	0.	4.	0.	1.	0.	2.	0.	0.	
DC	5.	16.	4.	32.	1.	19.	1.	17.	1.	8.	0.	15.	1.	5.	0.	8.	0.	0.	
ED	0.	6.	1.	10.	0.	5.	0.	5.	0.	4.	0.	7.	0.	1.	0.	2.	0.	0.	
ER	0.	0.	0.	2.	0.	1.	0.	1.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	
MC	25.	103.	21.	186.	4.	112.	4.	97.	4.	46.	2.	87.	3.	28.	1.	47.	0.	0.	
MO	5.	21.	4.	36.	1.	18.	1.	20.	1.	13.	1.	22.	1.	5.	0.	9.	0.	0.	
SH	6.	28.	6.	45.	1.	22.	1.	25.	2.	22.	1.	34.	1.	7.	0.	11.	0.	0.	
TV	0.	4.	1.	6.	0.	3.	0.	3.	0.	3.	0.	4.	0.	1.	0.	1.	0.	0.	
1	11.	21.	0.	6.	0.	1.	0.	0.	3.	1.	0.	0.	0.	0.	0.	0.	43.	57.	
2	23.	18.	1.	6.	1.	1.	1.	0.	7.	1.	1.	0.	0.	0.	0.	0.	102.	53.	
3	15.	7.	0.	2.	0.	0.	0.	0.	4.	0.	1.	0.	0.	0.	0.	0.	67.	65.	
4	8.	5.	0.	1.	0.	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	33.	4.	
5	23.	18.	1.	5.	1.	1.	1.	0.	7.	1.	1.	0.	0.	0.	0.	0.	99.	50.	
6	17.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	64.	34.	
7	108.	0.	370.	7.	26.	0.	22.	0.	32.	0.	0.	0.	0.	0.	0.	0.	62.	32.	
8	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	13.	
9	4.	2.	1.	4.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	24.	26.	
10	4.	1.	4.	8.	3.	1.	2.	0.	2.	0.	0.	0.	0.	0.	0.	0.	35.	43.	
11	16.	0.	224.	4.	57.	0.	39.	0.	30.	0.	0.	0.	0.	0.	0.	0.	26.	11.	
12	8.	0.	51.	5.	242.	3.	152.	0.	34.	0.	0.	0.	0.	0.	0.	0.	26.	9.	
13	0.	0.	0.	0.	2.	0.	3.	0.	1.	0.	0.	0.	0.	0.	0.	0.	2.	1.	
14	1.	0.	2.	3.	7.	1.	4.	0.	2.	0.	0.	0.	0.	0.	0.	0.	4.	6.	
15	0.	1.	0.	7.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	37.	54.	
16	1.	1.	1.	17.	2.	2.	121.	11.	58.	12.	40.	10.	4.	6.	0.	0.	66.	106.	
17	128.	1.	3.	0.	3.	0.	4.	0.	34.	0.	253.	1.	46.	1.	155.	3.	70.	37.	
18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	1.	1.	1.	3.	
19	1.	0.	0.	0.	0.	0.	0.	0.	1.	0.	63.	1.	44.	6.	0.	0.	44.	36.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

G.1. ASSIGNMENT COUNTS AND ASSCIATED COMPUTER RUN TIMES

ZONE	ASSGN. VEH. ORG. TO GATES	ASSGN.VEH. GATES TO DEST.	ASSGN. VEH. INTERNAL O-D	ASSIGNMENT TIME	TOTAL TIME	NO. PATHS FOLLOWED
1	14.971	29.360	30.723	4.024	102.714	562
2	33.220	25.747	74.054	.755	103.469	570
3	21.037	10.509	47.650	.769	104.238	580
4	11.406	6.557	26.714	.654	104.892	586
5	32.149	24.754	73.308	.712	105.604	594
6	16.764	9.891	49.636	.524	106.128	601
7	558.104	7.220	55.785	.583	106.711	614
8	3.011	0.000	11.974	.524	107.235	615
9	6.430	6.972	17.164	.576	107.811	623
10	15.479	9.117	30.864	.634	108.445	634
11	365.555	4.473	24.108	.556	109.001	642
12	486.715	7.509	21.239	.672	109.673	650
13	6.247	.495	2.067	.529	110.202	650
14	15.429	4.424	2.067	.560	110.762	658
15	1.362	10.842	33.742	.594	111.356	675
16	226.674	59.573	57.094	.668	112.024	687
17	626.144	5.935	62.316	.994	113.018	694
18	2.073	1.638	1.030	.608	113.626	689
19	108.230	7.985	38.065	.902	114.528	706

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	216.08	0.00	0.00	216.08	0.00	160.72	38.34	0.00	1.19	.20	.84	.15	10.94	.00	2.07	1.63	.00	8.80	9.65
2	359.46	359.46	0.00	0.00	0.00	211.00	54.81	0.00	1.58	.28	2.23	3.27	59.12	4.03	14.43	8.67	.05	85.52	86.51
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	372.87	0.00	372.87	0.00	0.00	221.72	57.36	0.00	1.66	.29	2.28	3.27	59.12	4.03	14.43	8.67	.05	90.37	93.01
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	*75.41	*59.38	0.00	216.03	0.00	*67.18	277.37	0.00	8.74	1.46	5.88	.15	10.94	.00	2.07	1.63	.00	8.80	9.65
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	*75.41	*75.41	0.00	0.00	0.00	*67.18	277.37	0.00	8.74	1.46	5.88	.15	10.94	.00	2.07	1.63	.00	8.80	9.65
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	*10.87	*41.30	312.91	56.66	0.00	*70.73	301.94	0.00	11.10	1.91	6.45	.69	12.44	.58	3.27	1.75	.00	31.65	35.39
18	402.01	151.82	250.19	0.00	0.00	243.14	65.04	0.00	2.29	.43	3.05	3.56	58.69	3.99	13.67	8.12	.04	127.87	156.67
19	679.40	678.60	0.00	.80	0.00	526.98	125.36	0.00	4.96	.87	2.72	3.27	5.02	4.06	4.79	1.38	.00	23.56	25.39
20	278.73	155.75	122.98	0.00	0.00	183.28	48.37	0.00	2.58	.49	2.14	11.07	12.57	5.46	11.83	.93	.00	62.23	84.06
21	644.97	457.30	0.00	187.67	0.00	439.27	111.85	0.00	3.66	.65	4.08	17.94	42.91	8.15	12.66	3.72	.07	113.01	121.93
22	283.64	0.00	49.73	233.92	0.00	211.60	50.60	0.00	1.68	.29	1.15	4.92	5.68	.24	7.30	.19	.00	12.59	15.85
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	311.04	160.82	150.23	0.00	0.00	162.29	51.02	0.00	1.64	.33	3.91	21.33	45.43	9.42	12.52	3.08	.07	137.22	162.43
26	350.00	0.00	127.90	222.10	0.00	279.72	66.43	0.00	2.10	.35	1.40	.00	.00	.00	0.00	0.00	0.00	.00	.00
27	2.10	.12	1.31	.67	0.00	1.68	.40	0.00	.01	.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	159.95	152.56	1.53	0.00	5.86	79.88	25.18	0.00	.27	.05	1.95	14.23	23.12	3.89	5.20	.25	.07	66.97	73.29
30	803.42	345.47	457.94	0.00	0.00	471.41	153.83	0.00	1.01	.20	12.73	29.05	57.57	44.08	29.42	3.22	.89	384.85	398.04
31	69.69	0.00	0.00	69.69	0.00	34.13	11.22	0.00	0.00	0.00	.94	1.80	7.22	5.41	7.64	.89	.44	34.79	34.90
32	4.73	0.00	0.00	0.00	4.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	281.97	172.22	24.27	85.49	0.00	125.20	36.13	0.00	1.65	.33	2.29	8.50	67.46	10.14	20.42	9.77	.09	98.82	106.50
36	750.88	0.00	110.19	640.69	0.00	555.92	134.09	0.00	5.46	.96	3.32	9.75	21.34	5.58	12.03	2.43	.00	51.73	56.15
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	424.10	95.07	1.20	278.47	49.36	223.22	57.71	0.00	1.67	.29	2.29	3.27	59.12	4.03	14.43	8.67	.05	113.30	121.32
40	421.53	0.00	0.00	0.00	421.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	149.74	141.63	0.00	8.10	0.00	107.17	25.56	0.00	5.51	1.10	.75	.92	3.84	1.19	2.85	.83	.00	30.31	33.41
42	465.07	108.62	123.54	232.91	0.00	366.61	89.66	0.00	3.58	.64	2.50	.48	.81	.36	.38	.05	.00	35.36	59.71
43	218.11	218.11	0.00	0.00	0.00	162.34	38.72	0.00	1.20	.20	.85	.15	10.94	.00	2.07	1.63	.00	8.88	9.75
44	335.82	0.00	252.14	83.68	0.00	192.11	50.33	0.00	1.44	.25	2.14	3.27	59.12	4.03	14.43	8.67	.05	85.52	86.51
45	324.30	0.00	273.30	51.00	0.00	136.71	41.22	0.00	3.94	.79	2.90	14.17	69.55	18.10	26.13	10.69	.11	143.30	153.39
46	50.69	0.00	50.69	0.00	0.00	34.69	10.42	0.00	.68	.14	.73	.19	1.70	.37	1.09	.68	.00	16.98	27.80
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	25.57	0.00	0.00	0.00	25.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	278.42	28.31	0.00	250.11	0.00	93.69	30.15	0.00	4.50	.90	2.42	31.48	40.53	34.50	34.15	5.90	.02	137.75	140.65
51	205.68	1.30	204.32	.07	0.00	110.41	34.59	0.00	.78	.16	2.65	3.89	21.04	12.67	16.27	2.45	.79	100.37	105.24
52	137.72	77.54	51.90	0.00	8.28	66.27	16.87	0.00	1.06	.21	1.16	7.12	16.27	8.76	8.23	1.49	.00	41.87	47.76
53	65.80	65.80	0.00	0.00	0.00	43.30	13.71	0.00	.33	.07	1.07	.64	3.01	2.88	.52	.27	.00	32.51	33.21
54	140.41	135.68	0.00	4.73	0.00	64.01	20.86	0.00	.98	.20	1.71	7.78	15.17	13.34	13.79	2.12	.44	56.95	59.92
55	27.01	27.01	0.00	0.00	0.00	16.09	5.95	0.00	.00	.00	.50	.33	.70	1.38	.05	.00	0.00	13.42	13.52
56	419.41	417.74	0.00	0.00	1.66	239.78	78.65	0.00	.98	.20	6.53	10.83	26.28	29.18	21.44	3.00	.89	199.82	201.12
57	1.53	1.53	0.00	0.00	0.00	.78	.26	0.00	.00	.00	.02	.17	.20	.04	.05	.00	0.00	.70	.77
58	764.31	0.00	0.00	764.31	0.00	457.31	150.17	0.00	.98	.20	12.49	25.67	46.39	42.82	24.40	3.01	.89	368.93	376.13
59	155.69	0.00	8.35	146.07	1.27	78.25	24.78	0.00	.25	.05	1.93	14.39	24.88	4.13	5.28	.42	.07	71.27	78.29
60	459.87	0.00	110.75	349.13	0.00	264.86	86.40	0.00	.51	.10	7.14	21.57	39.20	22.30	15.64	1.67	.48	214.67	224.67
61	271.57	0.00	0.00	271.57	0.00	152.75	48.36	0.00	1.55	.31	3.77	10.60	28.84	10.28	11.81	3.09	.21	109.74	130.41
62	4.42	.04	0.00	4.38	0.00	3.25	.78	0.00	.16	.03	.02	.02	.09	.02	.05	.01	.00	.02	.02
63	29.52	11.95	17.57	0.00	0.00	23.60	5.60	0.00	.18	.03	.12	0.00	0.00	0.00	0.00	0.00	0.00	5.72	7.06
64	464.31	276.54	187.77	0.00	0.00	371.08	88.13	0.00	2.78	.46	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	61.68	43.75	17.93	0.00	0.00	34.21	8.47	0.00	.35	.06	.26	4.92	5.68	.24	7.30	.19	.00	16.69	20.91
66	857.79	230.39	0.00	627.40	0.00	609.36	152.24	0.00	4.94	.86	4.93	17.94	42.91	8.15	12.66	3.72	.07	111.39	119.93
67	155.20	12.17	143.03	0.00	0.00	80.12	25.26	0.00	.27	.05	1.96	14.14	23.42	4.10	5.50	.29	.09	67.59	73.85
68	36.17	34.99	0.00	1.00	1.18	14.11	3.66	0.00	.03	.01	.24	3.10	7.90	.99	4.87	.09	0.00	13.85	19.85
69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	346.57	0.00	346.57	0.00	0.00	217.53	71.52	0.00	0.00	0.00	5.96	14.84	20.11	13.64	2.97	.01	0.00	169.12	175.01
71	3.16	2.17	0.00	.99	0.00	1.49	.49	0.00	0.00	0.00	.04	.11	.79	.09	.14	.02	0.00	1.58	1.58
72	38.85	0.00	0.00	38.79	.06	25.21	7.76	0.00	.33	.07	.57	.31	2.31	1.50	.46	.27	.00	19.09	19.69
73	51.90	0.00	20.35	31.54	0.00	32.24	7.87	0.00	.09	.02	.27	.67	7.75	.74	1.98	.27	.00	14.30	19.33
74	17.96	0.00	0.00	17.96	0.00	9.83	2.32	0.00	.29	.06	.07	.19	3.68	.23	.97	.31	.00	6.98	10.98
75	172.29	0.00	165.25	0.00	7.03	70.89	21.15	0.00	1.27	.25	1.45	.99	50.16	.37	10.68	8.05	.00	69.24	70.44
76	342.00	313.05	23.92	0.00	5.03	128.31	42.18	0.00	4.10	.82	3.52	28.44	39.12	42.67	40.70	6.32	.79	167.97	169.00
77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	9.12	0.00	9.12	0.00	0.00	3.49	1.04	0.00	.07	.01	.07	1.05	1.54	.34	1.34	.15	.02	3.61	5.46
79	55.49	54.80	.70	0.00	0.00	38.23	11.59	0.00	.66	.14	.82	.19	1.70	.37	1.09	.68	.00	18.70	30.89
80	326.55	0.00	0.00	324.30	2.25	136.71	41.22	0.00	3.94	.79	2.90	14.17	69.55	18.10	26.13	10.69	.11	143.30	153.39
81	223.80	7.69	198.84	0.00	17.26	147.91	35.13	0.00	7.73	1.55	1.00	1.05	7.18	1.05	3.05	.89	.01	45.40	63.09
82	246.50	190.74	42.59	0.00	13.17	173.98	45.90	0.00	5.75	1.15	2.17	.70	1.89	.61	.97	.21	.00	86.68	146.65
83	313.66	0.00	306.93	6.73	0.00	132.43	40.42	0.00	3.75	.75	2.93	14.22	66.05	18.01	25.19	9.79	.11	139.49	146.34
84	53.40	14.81	21.27	0.00	17.32	20.54	5.05	0.00	.93	.19	.17	2.14	2.67	1.66	2.40	.31	.02	12.23	19.82
85	317.60	311.52	0.00	6.09	0.00	131.38	40.23	0.00	3.69	.74	2.93	14.22	67.78	18.48	26.92	11.11	.11	141.70	148.07
86	18.33	2.00	0.00	8.38	7.95	4.16	1.28	0.00	.06	.01	.10	1.11	1.68	.37	1.41	.18	.02	3.57	5.36
87	252.89	239.91	0.00	10.33	2.65	106.94	32.51	0.00	2.53	.51	2.33	7.68	58.61	10.13	19.28	9.42	.11	108.19	109.65
88	4.17	2.33	0.00	0.00	1.84	1.49	.44	0.00	.03	.01	.03	.06	.14	.03	.07	.04	0.00	.34	.57
89	51.21	30.86	0.00	0.00	20.35	18.03	5.44	0.00	.27	.05	.39	.42	2.10	1.78	2.04	.23	.11	11.99	12.04
90	4.56	2.33	0.00	2.23	0.00	3.00	.77	0.00	.03	.01	.03	.06	.47	.06	.08	.04	0.00	1.15	1.98
91	54.93	22.99	15.73	0.00	16.20	22.60	6.19	0.00	.55	.11	.36	.45	4.61	1.31	2.05	.43	.06	14.23	17.66
92	44.36	19.21	11.88	5.50	7.76	16.40	5.30	0.00	.12	.02	.39	1.55	7.07	.69	2.73	.32	.00	10.50	14.17
93	28.99	28.34	0.00	.66	0.00	16.20	4.26	0.00	.27	.05	.19	.33	4.12	1.69	1.61	.18	.09	10.48	10.89
94	23.52	17.18	6.35	0.00	0.00	12.56	3.29	0.00	.03	.01	.20	1.15	3.91	.47	1.86	.06	0.00	7.39	11.37
95	24.92	23.92	0.00	.99	0.00	13.41	3.36	0.00	.27	.05	.13	.33	3.94	1.49	1.67	.18	.09	8.44	8.85
96	17.18	17.18	0.00	0.00	0.00	9.80	2.68	0.00	.03	.01	.13	.92	2.45	.24	.87	.06	0.00	5.87	9.83
97	144.17	20.08	122.95	0.00	1.14	75.82	23.95	0.00	.27	.05	1.84	13.51	19.36	3.64	4.32	.18	.09	63.46	69.51
98	17.18	0.00	0.00	17.18	0.00	9.80	2.68	0.00	.03	.01	.13	.92	2.45	.24	.87	.06	0.00	5.87	9.83
99	12.17	0.00	0.00	0.00	12.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	20.13	18.99	0.00	1.14	0.00	5.02	1.21	0.00	0.00	0.00	.13	2.30	6.05	1.39	4.00	.04	0.00	8.90	11.23
101	.08	.08	0.00	0.00	0.00	.04	.01	0.00	0.00	0.00	.00	.00	.02	.00	.00	.00	0.00	.03	.05
102	6.74	0.00	0.00	6.74	0.00	2.24	.52	0.00	0.00	0.00	.06	.32	1.99	.31	1.31	.00	0.00	3.22	3.53
103	7.34	0.00	0.00	0.00	7.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	5.12	0.00	5.12	0.00	0.00	3.00	.67	0.00	0.00	0.00	.01	.07	.93	.12	.32	.00	0.00	2.07	3.06
106	17.59	0.00	0.00	0.00	17.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	18.25	0.00	0.00	17.59	.66	8.94	2.94	0.00	0.00	0.00	.24	.55	3.56	.38	.88	.11	0.00	4.75	5.74
108	12.97	0.00	3.32	5.08	4.57	3.25	.72	0.00	0.00	0.00	.02	.21	2.50	.42	1.10	.16	.02	3.65	4.74
109	10.33	0.00	0.00	0.00	10.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	6.05	.74	.33	0.00	4.97	.82	.19	0.00	.04	.01	.01	0.00	0.00	0.00	0.00	0.00	0.00	.38	.69
111	27.36	0.00	0.00	1.50	25.86	1.23	.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.53	.97
112	2.53	0.00	.39	2.14	0.00	1.73	.42	0.00	.09	.02	.01	0.00	.08	.02	.08	.06	0.00	.93	1.60
113	15.69	13.98	1.72	0.00	0.00	5.45	1.78	0.00	.00	.00	.15	.35	5.70	.01	1.44	.80	.00	5.23	8.49
114	.85	.00	.00	.85	0.00	.65	.15	0.00	.03	.01	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
115	199.69	145.04	0.00	54.65	0.00	147.49	34.93	0.00	7.76	1.55	.97	.97	2.60	1.05	2.15	.22	.01	43.17	59.60
116	230.45	0.00	8.00	222.45	0.00	170.25	44.91	0.00	5.61	1.12	2.12	.97	3.00	.62	1.51	.34	.00	86.02	144.43
117	145.04	65.94	29.36	47.80	1.94	104.50	24.75	0.00	5.50	1.10	.69	.89	2.40	1.01	2.06	.20	.01	32.66	44.83
118	148.97	148.97	0.00	0.00	0.00	108.37	28.45	0.00	3.66	.73	1.32	.97	3.00	.62	1.51	.34	.00	55.80	93.17
119	98.82	0.00	0.00	0.00	98.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	66.19	55.10	0.00	0.00	11.10	37.70	9.76	0.00	1.33	.27	.43	.92	2.63	.53	1.28	.26	.00	20.76	34.34
121	31.80	9.80	0.00	22.00	0.00	23.61	6.10	0.00	.83	.17	.26	.06	.37	.09	.23	.08	0.00	12.06	19.73
122	29.36	0.00	0.00	0.00	29.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	61.24	30.54	30.70	0.00	0.00	46.80	11.08	0.00	2.46	.49	.31	.04	.04	.01	0.00	0.00	0.00	13.95	21.54
124	85.81	0.00	66.17	19.64	0.00	65.23	16.89	0.00	2.46	.49	.75	0.00	0.00	0.00	0.00	0.00	0.00	31.86	53.95
125	54.65	0.00	23.34	24.75	6.56	36.48	8.64	0.00	1.92	.38	.24	.07	.20	.04	.09	.02	.00	9.55	13.80
126	81.48	0.00	81.48	0.00	0.00	61.87	16.46	0.00	1.95	.39	.80	0.00	0.00	0.00	0.00	0.00	0.00	30.22	51.26
127	50.06	15.98	10.74	0.00	23.34	20.45	4.84	0.00	1.08	.22	.13	0.00	0.00	0.00	0.00	0.00	0.00	9.90	16.81
128	16.07	0.00	0.00	16.07	0.00	12.30	2.91	0.00	.65	.13	.08	0.00	0.00	0.00	0.00	0.00	0.00	5.96	10.12
129	51.01	0.00	0.00	0.00	51.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	30.26	16.61	0.00	0.00	13.65	12.71	3.01	0.00	.67	.13	.08	0.00	0.00	0.00	0.00	0.00	0.00	6.17	10.44
131	24.75	0.00	0.00	0.00	24.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	49.02	0.00	49.02	0.00	0.00	37.07	10.22	0.00	.97	.19	.56	0.00	0.00	0.00	0.00	0.00	0.00	18.17	30.85
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	1.50	0.00	0.00	1.50	0.00	1.23	.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.53	.97
135	4.42	0.00	4.42	0.00	0.00	3.25	.78	0.00	.16	.03	.02	.02	.09	.02	.05	.01	.00	.02	.02
136	271.57	159.51	0.00	0.00	112.05	80.65	24.66	0.00	1.55	.31	1.80	5.04	22.27	9.28	10.66	3.09	.21	76.20	83.32
137	4.42	4.42	0.00	0.00	0.00	3.25	.78	0.00	.16	.03	.02	.02	.09	.02	.05	.01	.00	.02	.02
138	159.51	0.00	159.51	0.00	0.00	80.65	24.66	0.00	1.55	.31	1.80	5.04	22.27	9.28	10.66	3.09	.21	76.20	83.32
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	295.31	0.00	0.00	295.31	0.00	155.08	46.92	0.00	2.61	.52	3.33	16.35	38.19	13.20	15.20	3.66	.23	140.91	154.39
142	4.42	0.00	0.00	4.42	0.00	3.25	.78	0.00	.16	.03	.02	.02	.09	.02	.05	.01	.00	.02	.02
143	20.33	0.00	4.42	15.91	0.00	13.84	4.02	0.00	.30	.06	.26	.61	.81	.18	.22	.02	.00	1.55	2.44
144	387.40	0.00	0.00	387.40	0.00	266.52	69.51	0.00	2.37	.43	2.89	14.97	20.24	4.58	5.29	.57	.02	80.73	88.67
145	43.75	10.40	33.35	0.00	0.00	20.21	5.12	0.00	.12	.02	.18	4.89	5.61	.18	7.24	.18	.00	13.31	16.18
146	472.45	470.39	0.00	2.06	0.00	344.46	83.12	0.00	2.58	.43	2.05	2.98	22.68	3.57	7.39	3.16	.04	30.67	31.28
147	35.43	0.00	0.00	35.43	0.00	10.91	3.54	0.00	.03	.01	.29	5.61	6.75	.27	7.79	.23	.00	10.39	12.54
148	370.00	0.00	42.81	327.19	0.00	295.70	70.23	0.00	2.22	.37	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	37.80	2.00	0.00	23.86	11.95	14.47	4.52	0.00	.14	.03	.34	2.42	2.88	.49	.55	.01	.00	11.97	13.88

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
150	91.44	0.00	91.44	0.00	0.00	48.61	15.98	0.00	0.00	0.00	1.33	9.95	11.74	1.79	2.04	0.00	0.00	43.58	47.86
151	52.15	0.00	0.00	42.40	9.75	8.89	2.87	0.00	.03	.01	.23	6.98	11.82	.32	10.45	.81	.00	18.35	21.28
152	364.84	0.00	336.44	0.00	28.40	109.34	35.95	0.00	0.00	0.00	3.00	17.65	115.09	.91	39.73	14.78	0.00	166.53	169.92
153	53.21	42.81	10.40	0.00	0.00	42.53	10.10	0.00	.32	.05	.21	0.00	0.00	0.00	0.00	0.00	0.00	1.69	2.11
154	146.84	145.26	0.00	1.58	0.00	84.23	21.31	0.00	.62	.11	.74	2.98	22.68	3.57	7.39	3.16	.04	30.67	31.28
155	344.93	0.00	344.93	0.00	0.00	111.23	36.57	0.00	0.00	0.00	3.05	19.96	117.81	1.33	40.20	14.78	0.00	167.91	170.56
156	42.40	0.00	11.88	0.00	30.53	4.10	1.30	0.00	.03	.01	.10	.49	4.37	.08	.83	.57	.00	5.01	5.50
157	11.88	7.92	0.00	3.95	0.00	4.10	1.30	0.00	.03	.01	.10	.49	4.37	.08	.83	.57	.00	5.01	5.50
158	360.48	0.00	0.00	344.93	15.55	111.23	36.57	0.00	0.00	0.00	3.05	19.96	117.81	1.33	40.20	14.78	0.00	167.91	170.56
159	6.58	0.00	0.00	0.00	6.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	77.32	68.37	8.95	0.00	0.00	8.40	2.57	0.00	.12	.02	.19	12.79	26.28	3.94	20.59	2.37	.04	38.04	39.28
161	13.83	6.44	6.40	.99	0.00	5.88	1.92	0.00	.01	.00	.16	1.54	2.15	.10	1.98	.09	.00	0.00	0.00
162	158.96	0.00	16.75	142.21	0.00	93.91	23.61	0.00	.70	.12	.79	2.98	22.68	3.57	7.39	3.16	.04	30.67	31.28
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	77.32	0.00	0.00	77.32	0.00	8.40	2.57	0.00	.12	.02	.19	12.79	26.28	3.94	20.59	2.37	.04	38.04	39.28
165	17.86	0.00	0.00	17.86	0.00	2.44	.75	0.00	.03	.01	.05	.19	10.71	.00	2.10	1.57	.00	7.53	7.98
166	368.95	0.00	0.00	368.95	0.00	132.32	43.50	0.00	.00	.00	3.62	6.92	134.01	.52	29.00	19.05	.00	182.69	186.06
167	17.86	0.00	17.86	0.00	0.00	2.44	.75	0.00	.03	.01	.05	.19	10.71	.00	2.10	1.57	.00	7.53	7.98
168	368.95	0.00	368.95	0.00	0.00	132.32	43.50	0.00	.00	.00	3.62	6.92	134.01	.52	29.00	19.05	.00	182.69	186.06
169	17.86	0.00	17.86	0.00	0.00	2.44	.75	0.00	.03	.01	.05	.19	10.71	.00	2.10	1.57	.00	7.53	7.98
170	368.95	0.00	0.00	368.95	0.00	132.32	43.50	0.00	.00	.00	3.62	6.92	134.01	.52	29.00	19.05	.00	182.69	186.06
171	368.95	0.00	0.00	368.95	0.00	132.32	43.50	0.00	.00	.00	3.62	6.92	134.01	.52	29.00	19.05	.00	182.69	186.06
172	17.86	0.00	0.00	17.86	0.00	2.44	.75	0.00	.03	.01	.05	.19	10.71	.00	2.10	1.57	.00	7.53	7.98
173	18.46	.79	17.41	0.00	.27	2.35	.71	0.00	.03	.01	.05	.22	11.01	.00	2.23	1.57	.00	7.83	8.28
174	368.95	0.00	368.95	0.00	0.00	132.32	43.50	0.00	.00	.00	3.62	6.92	134.01	.52	29.00	19.05	.00	182.69	186.06
175	1.38	0.00	0.00	1.38	0.00	.04	.01	0.00	0.00	0.00	.00	.12	.81	.00	.40	.00	0.00	.69	.69
176	1.32	.10	0.00	.00	1.22	.05	.02	0.00	.00	.00	.00	.01	.01	.00	.01	.00	.00	.00	.00
177	20.23	0.00	20.23	0.00	0.00	2.61	.86	0.00	.00	.00	.07	.17	12.35	.00	2.34	1.84	.00	8.26	8.98
178	326.69	0.00	326.69	0.00	0.00	116.93	37.55	0.00	.46	.09	3.01	4.05	117.67	4.03	25.47	17.39	.05	162.40	164.29
179	332.03	0.00	332.03	0.00	0.00	189.08	49.61	0.00	1.42	.25	2.12	3.27	59.12	4.03	14.43	8.67	.05	85.52	86.51
180	21.55	0.00	1.32	20.23	0.00	3.11	1.02	0.00	.00	.00	.08	.22	12.75	.00	2.52	1.84	.00	8.26	8.98
181	332.03	0.00	316.11	15.91	0.00	189.08	49.61	0.00	1.42	.25	2.12	3.27	59.12	4.03	14.43	8.67	.05	85.52	86.51
182	21.24	0.00	0.00	21.24	0.00	5.01	1.35	0.00	.02	.00	.07	.15	10.94	.00	2.07	1.63	.00	8.88	9.75
183	20.23	0.00	20.23	0.00	0.00	2.61	.86	0.00	.00	.00	.07	.17	12.35	.00	2.34	1.84	.00	8.26	8.98
184	326.69	0.00	0.00	326.69	0.00	116.93	37.55	0.00	.46	.09	3.01	4.05	117.67	4.03	25.47	17.39	.05	162.40	164.29
185	326.84	0.00	0.00	326.69	.15	116.93	37.55	0.00	.46	.09	3.01	4.05	117.67	4.03	25.47	17.39	.05	162.40	164.29
186	20.23	20.23	0.00	0.00	0.00	2.61	.86	0.00	.00	.00	.07	.17	12.35	.00	2.34	1.84	.00	8.26	8.98
187	.00	0.00	0.00	.00	0.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
188	361.79	0.00	361.79	0.00	0.00	129.22	42.48	0.00	0.00	0.00	3.54	6.17	132.64	.44	28.25	19.04	0.00	179.85	181.94
189	367.39	0.00	0.00	367.39	0.00	132.27	43.48	0.00	.00	.00	3.62	6.48	133.24	.45	28.78	19.05	.00	181.96	185.33
190	17.41	17.41	0.00	.00	0.00	2.31	.70	0.00	.03	.01	.05	.14	10.58	.00	2.01	1.57	.00	7.44	7.89
191	5.16	5.16	0.00	0.00	0.00	3.05	1.00	0.00	.00	.00	.08	.28	.32	.01	.41	.01	.00	1.88	3.17
192	17.41	0.00	0.00	17.41	0.00	2.31	.70	0.00	.03	.01	.05	.14	10.58	.00	2.01	1.57	.00	7.44	7.89
193	17.41	0.00	.83	0.00	16.58	.63	.15	0.00	.03	.01	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
194	5.16	0.00	5.16	0.00	0.00	3.05	1.00	0.00	.00	.00	.08	.28	.32	.01	.41	.01	.00	1.88	3.17
195	688.63	326.84	0.00	361.79	0.00	246.21	80.06	0.00	.46	.09	6.55	10.22	250.36	4.47	53.74	36.43	.05	342.25	346.22
196	20.23	.03	0.00	0.00	20.20	.02	.01	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
197	327.05	313.24	0.00	5.16	8.65	115.76	38.05	0.00	.00	.00	3.17	1.89	118.99	.01	22.88	17.64	.00	157.53	160.62
198	.85	.85	0.00	0.00	0.00	.65	.15	0.00	.03	.01	.00	.00	.00	.00	.00	.00	.00	0.00	0.00
199	1.72	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO1615. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
201	218.11	197.27	0.00	20.84	0.00	162.34	38.72	0.00	1.20	.20	.85	.15	10.94	.00	2.07	1.63	.00	8.88	9.75
202	335.82	335.82	0.00	0.00	0.00	192.11	50.33	0.00	1.44	.25	2.14	3.27	59.12	4.03	14.43	8.67	.05	85.52	86.51
203	12.78	12.78	0.00	0.00	0.00	10.22	2.43	0.00	.08	.01	.05	0.00	0.00	0.00	0.00	0.00	0.00	5.72	7.06
204	276.54	0.00	0.00	0.00	276.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	16.74	0.00	0.00	16.74	0.00	13.38	3.18	0.00	.10	.02	.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
206	187.77	0.00	0.00	0.00	187.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
207	2.10	2.10	0.00	0.00	0.00	1.68	.40	0.00	.01	.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
208	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	13.46	0.00	.05	13.41	0.00	10.75	2.55	0.00	.08	.01	.05	0.00	0.00	0.00	0.00	0.00	0.00	4.85	6.50
210	*59.38	0.00	0.00	0.00	*59.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211	83.68	0.00	0.00	0.00	83.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
212	109.34	107.31	2.03	0.00	0.00	87.39	20.75	0.00	.66	.11	.44	0.00	0.00	0.00	0.00	0.00	0.00	.08	.11
213	213.18	0.00	0.00	0.00	213.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214	20.12	19.71	.41	0.00	0.00	16.08	3.82	0.00	.12	.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
215	59.55	0.00	0.00	0.00	59.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
216	7.23	4.63	0.00	2.60	0.00	5.77	1.37	0.00	.04	.01	.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
217	.70	0.00	0.00	0.00	.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
218	15.33	4.06	0.00	11.27	.00	7.57	1.82	0.00	.23	.05	.05	.18	3.48	.30	1.04	.63	.00	6.00	9.33
219	75.62	0.00	0.00	35.26	40.36	21.79	5.55	0.00	1.11	.22	.23	.68	1.84	1.11	1.78	.95	.00	11.91	19.32
220	21.04	19.62	0.00	0.00	1.42	8.97	2.18	0.00	.28	.06	.06	.21	5.26	.28	1.37	.95	.00	7.55	12.07
221	17.86	0.00	17.86	0.00	0.00	2.44	.75	0.00	.03	.01	.05	.19	10.71	.00	2.10	1.57	.00	7.53	7.98
222	368.95	285.10	83.71	.14	0.00	132.32	43.50	0.00	.00	.00	3.62	6.92	134.01	.52	29.00	19.05	.00	182.69	186.06
223	*02.31	970.18	0.00	32.13	0.00	784.16	186.44	0.00	6.89	1.19	4.01	3.28	5.84	4.06	4.94	1.50	.00	24.11	25.94
224	262.01	249.12	12.89	0.00	0.00	173.78	46.08	0.00	2.51	.48	2.09	9.68	11.05	5.77	9.70	.87	.00	62.20	63.07
225	13.76	13.76	0.00	0.00	0.00	8.61	2.54	0.00	.10	.02	.18	.28	1.04	.76	.22	.01	.00	.90	.91
226	351.33	0.00	28.94	322.40	0.00	275.51	65.56	0.00	2.06	.34	1.41	1.45	2.48	.06	2.29	.18	0.00	3.44	4.90
227	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
229	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
231	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
232	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
233	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
236	21.61	0.00	21.61	0.00	0.00	16.10	3.81	0.00	.85	.17	.11	.10	.27	.06	.12	.02	.00	8.08	13.53
237	65.05	0.00	11.10	0.00	53.95	8.49	2.01	0.00	.45	.09	.06	0.00	0.00	0.00	0.00	0.00	0.00	4.12	6.97
238	73.03	0.00	6.97	49.56	16.51	42.81	11.58	0.00	1.28	.26	.60	0.00	0.00	0.00	0.00	0.00	0.00	21.03	35.50
239	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	3.48	0.00	0.00	0.00	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
*840.9	*686.6	*804.7	*123.5	*58.04	*45.10	*73.02	0.00	701.80	132.98	717.37	*63.56	*20.84	*98.66	*69.48	779.67	12.36	*18.89	*40.60	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 1	0.	0.	12.	5.	12.	5.	12.	5.
INTERSECTION 2	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 3	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 4	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 5	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 6	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 7	2.	1.	2.	1.	2.	1.	0.	0.
INTERSECTION 8	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 9	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 10	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 11	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 12	1.	5.	0.	0.	10.	5.	10.	5.
INTERSECTION 13	54.	10.	0.	0.	47.	7.	91.	22.
INTERSECTION 14	1.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 15	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 16	4.	2.	4.	2.	4.	2.	4.	2.
INTERSECTION 17	12.	5.	12.	5.	12.	5.	0.	0.
INTERSECTION 18	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 19	0.	0.	0.	0.	10.	5.	10.	5.
INTERSECTION 20	0.	0.	53.	6.	293.	72.	342.	86.
INTERSECTION 21	1.	5.	0.	0.	11.	5.	11.	5.
INTERSECTION 22	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 23	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 24	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 25	0.	0.	1.	0.	0.	0.	1.	0.

INTERSECTION 26

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	45.		15.		-0.		15.	
V/GCAP	.26231		.04286		0.00000		.00324	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	9.	0.	26.	24.	0.	0.	24.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	661.	0.	123.	9.	0.	0.	9.	0.
CAPACITY(VEH)	1460.	1.	519.	519.	1.	0.	519.	0.
V/GCAP	.26231	0.00000	.04286	.00324	0.00000	0.00000	.00324	0.00000

INTERSECTION 27

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	28.		32.		-0.		32.	
V/GCAP	.00340		.28975		0.00000		.03444	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	9.	9.	11.	7.	9.	9.	7.	7.
QUEUE(VEH)	0.	0.	1.	0.	0.	0.	0.	0.
VOLUME(VEH)	0.	4.	960.	8.	0.	0.	41.	34.
CAPACITY(VEH)	530.	556.	1684.	1684.	0.	0.	610.	610.
V/GCAP	0.00000	.00340	.28975	.00242	0.00000	0.00000	.03444	.02793

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 28	2.	1.	1.	1.	2.	1.	0.	0.

INTERSECTION 29

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	30.		0.		7.		30.	
V/GCAP	.32783		0.00000		.00191		.32477	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	21.	28.	34.	20.	28.	0.	20.	0.
QUEUE(VEH)	2.	0.	0.	2.	0.	0.	2.	0.
VOLUME(VEH)	826.	3.	0.	922.	3.	0.	922.	0.
CAPACITY(VEH)	1078.	147.	0.	1202.	147.	0.	1202.	0.
V/GCAP	.32783	.00191	0.00000	.32477	.00191	0.00000	.32477	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 30	0.	0.	1.	1.	2.	1.	1.	1.
INTERSECTION 31	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 32	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 33	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 34	0.	0.	1.	1.	1.	1.	1.	1.
INTERSECTION 35	1.	1.	1.	1.	1.	1.	1.	1.
INTERSECTION 36	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 37	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 38	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 39

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	64.		32.		32.		0.	
V/GCAP	.41015		.03105		.14515		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	34.	47.	38.	0.	47.	0.	0.	0.
QUEUE(VEH)	3.	1.	0.	0.	1.	0.	0.	0.
VOLUME(VEH)	1181.	366.	81.	0.	366.	0.	0.	0.
CAPACITY(VEH)	1406.	600.	624.	1.	600.	0.	1.	0.
V/GCAP	.41015	.14515	.03105	0.00000	.14515	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 40	2.	1.	0.	0.	2.	1.	2.	1.

INTERSECTION 41

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	32.		32.		64.		0.	
V/GCAP	.03591		.04920		1.06808		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	101.	1830.	39.	0.	1830.	0.	0.	0.
QUEUE(VEH)	0.	216.	0.	0.	216.	0.	0.	0.
VOLUME(VEH)	103.	1346.	142.	0.	1346.	0.	0.	0.
CAPACITY(VEH)	686.	615.	686.	1.	615.	0.	1.	0.
V/GCAP	.03591	1.06808	.04920	0.00000	1.06808	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 42	1.	1.	0.	0.	1.	1.	1.	1.
INTERSECTION 43	12.	5.	12.	5.	12.	5.	12.	5.
INTERSECTION 44	10.	5.	10.	5.	0.	0.	10.	5.
INTERSECTION 45	0.	0.	44.	5.	45.	5.	44.	5.
INTERSECTION 46	158.	45.	221.	66.	50.	9.	0.	0.
INTERSECTION 47	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 48	10.	5.	0.	0.	10.	5.	10.	5.
INTERSECTION 49	4.	2.	5.	2.	4.	2.	0.	0.

INTERSECTION	50	11.	5.	11.	5.	11.	5.	11.	5.
INTERSECTION	51	49.	6.	74.	16.	192.	55.	0.	0.
INTERSECTION	52	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION	53	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	54	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	7609.943	78.056	90.056	0.000	0.000	36.874	54.951	459.917
PARKNG	2	10444.639	42.940	54.940	0.000	0.000	130.701	76.010	274.817
PARKNG	3	18265.438	126.656	138.656	0.000	0.000	73.658	63.576	791.749
PARKNG	4	3635.056	67.981	79.981	0.000	0.000	37.593	9.243	435.078
PARKNG	5	7372.646	34.849	46.849	0.000	0.000	110.417	63.121	223.034
PARKNG	6	6479.028	45.558	57.558	0.000	0.000	78.798	42.660	291.574
PARKNG	7	30953.678	43.954	55.954	0.000	0.000	527.257	33.026	281.305
PARKNG	8	942.388	39.074	51.074	0.000	0.000	11.641	8.902	248.642
PARKNG	9	3867.969	56.699	68.699	0.000	0.000	29.958	31.922	335.582
PARKNG	10	33917.364	330.366	342.366	0.000	0.000	49.868	50.987	2083.188
PARKNG	11	48528.259	140.369	152.369	0.000	0.000	307.580	11.844	898.364
PARKNG	12	54111.252	92.294	104.294	0.000	0.000	504.682	15.994	590.679
PARKNG	13	388.439	29.248	41.248	0.000	0.000	8.135	1.808	187.189
PARKNG	14	1423.097	50.114	62.114	0.000	0.000	15.931	8.652	320.732
PARKNG	15	11938.773	123.932	135.932	0.000	0.000	34.591	58.393	751.982
PARKNG	16	110799.985	248.169	260.169	0.000	0.000	276.181	156.935	1588.280
PARKNG	17	52230.699	70.881	82.881	0.000	0.000	598.380	37.196	453.637
PARKNG	18	304.825	39.263	51.263	0.000	0.000	2.987	3.863	249.299
PARKNG	19	16025.994	95.358	107.358	0.000	0.000	119.094	33.981	610.291

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1560. TO 1615. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	23.	23.	23.	2	12.	12.	12.	3	4.	4.	4.	4	4.	4.	4.	5	7.	7.	7.	6	7.	7.	7.
7	8.	8.	8.	8	8.	8.	8.	9	6.	6.	6.	10	6.	6.	6.	11	7.	7.	7.	12	7.	7.	7.
13	2.	2.	2.	14	2.	2.	2.	15	3.	3.	3.	16	2.	2.	2.	17	10.	10.	10.	18	8.	8.	8.
19	18.	18.	18.	20	7.	7.	7.	21	8.	8.	8.	22	7.	7.	7.	23	1.	1.	1.	24	1.	1.	1.
25	3.	3.	3.	26	2.	2.	2.	27	11.	11.	11.	28	0.	0.	0.	29	55.	55.	55.	30	193.	193.	193.
31	2.	2.	2.	32	1.	1.	1.	33	1.	1.	1.	34	1.	1.	1.	35	5.	5.	5.	36	1.	1.	1.
37	1.	1.	1.	38	1.	1.	1.	39	1.	1.	1.	40	1.	1.	1.	41	14.	14.	14.	42	3.	3.	3.
43	9.	9.	9.	44	22.	22.	22.	45	13.	13.	13.	46	11.	11.	11.	47	1.	1.	1.	48	1.	1.	1.
49	2.	2.	2.	50	7.	7.	7.	51	6.	6.	6.	52	2.	2.	2.	53	2.	2.	2.	54	2.	2.	2.
55	4.	4.	4.	56	346.	346.	346.	57	55.	55.	55.	58	93.	93.	93.	59	78.	78.	78.	60	15.	15.	15.
61	3.	3.	3.	62	13.	13.	13.	63	3.	3.	3.	64	6.	6.	6.	65	9.	9.	9.	66	10.	10.	10.
67	3.	3.	3.	68	50.	50.	50.	69	3.	3.	3.	70	296.	296.	296.	71	3.	3.	3.	72	4.	4.	4.
73	3.	3.	3.	74	3.	3.	3.	75	12.	12.	12.	76	7.	7.	7.	77	11.	11.	11.	78	3.	3.	3.
79	4.	4.	4.	80	12.	12.	12.	81	23.	23.	23.	82	14.	14.	14.	83	3.	3.	3.	84	2.	2.	2.
85	3.	3.	3.	86	9.	9.	9.	87	13.	13.	9.	88	26.	26.	26.	89	28.	28.	28.	90	3.	3.	3.
91	3.	3.	3.	92	2.	2.	2.	93	2.	2.	2.	94	2.	2.	2.	95	2.	2.	2.	96	2.	2.	2.
97	2.	2.	2.	98	2.	2.	2.	99	3.	3.	3.	100	3.	3.	3.	101	3.	3.	3.	102	3.	3.	3.
103	2.	2.	2.	104	2.	2.	2.	105	2.	2.	2.	106	2.	2.	2.	107	2.	2.	2.	108	2.	2.	2.
109	3.	3.	3.	110	12.	12.	12.	111	3.	3.	3.	112	5.	5.	5.	113	7.	7.	7.	114	34.	34.	34.
115	6.	6.	6.	116	26.	26.	26.	117	5.	5.	5.	118	5.	5.	5.	119	4.	4.	4.	120	5.	5.	5.
121	2.	2.	2.	122	1.	1.	1.	123	3.	3.	3.	124	3.	3.	3.	125	3.	3.	3.	126	4.	4.	4.
127	4.	4.	4.	128	4.	4.	4.	129	7.	7.	7.	130	7.	7.	7.	131	3.	3.	3.	132	3.	3.	3.
133	2.	2.	2.	134	2.	2.	2.	135	3.	3.	3.	136	3.	3.	3.	137	1.	1.	1.	138	1.	1.	1.
139	12.	12.	12.	140	12.	12.	12.	141	38.	38.	38.	142	4.	4.	4.	143	40.	40.	40.	144	15.	15.	15.
145	5.	5.	5.	146	15.	15.	15.	147	41.	41.	41.	148	5.	5.	5.	149	105.	105.	105.	150	50.	50.	50.
151	8.	8.	8.	152	1839.	1839.	1839.	153	16.	16.	16.	154	17.	17.	17.	155	2.	2.	2.	156	2.	2.	2.
157	19.	19.	19.	158	8.	8.	8.	159	1.	1.	1.	160	13.	13.	13.	161	13.	13.	13.	162	2.	2.	2.
163	3.	3.	3.	164	3.	3.	3.	165	1.	1.	1.	166	2.	2.	2.	167	3.	3.	3.	168	4.	4.	4.
169	4.	4.	4.	170	5.	5.	5.	171	9.	9.	9.	172	8.	8.	8.	173	14.	14.	14.	174	5.	5.	5.
175	46.	46.	46.	176	11.	11.	11.	177	4.	4.	4.	178	49.	49.	49.	179	0.	0.	0.	180	45.	45.	45.
181	248.	248.	248.	182	22.	22.	22.	183	1.	1.	1.	184	2.	2.	2.	185	4.	4.	4.	186	3.	3.	3.
187	5.	5.	5.	188	16.	16.	16.	189	17.	17.	17.	190	16.	16.	16.	191	12.	12.	12.	192	2.	2.	2.
193	9.	9.	9.	194	4.	4.	4.	195	6.	6.	6.	196	8.	8.	8.	197	8.	8.	8.	198	3.	3.	3.
199	1.	1.	1.	200	1.	1.	1.	201	182.	182.	182.	202	25.	25.	25.	203	3.	3.	3.	204	1.	1.	1.
205	3.	3.	3.	206	1.	1.	1.	207	1.	1.	1.	208	1.	1.	1.	209	1.	1.	1.	210	1.	1.	1.
211	1.	1.	1.	212	13.	13.	13.	213	2.	2.	2.	214	52.	52.	52.	215	14.	14.	14.	216	15.	15.	15.
217	35.	35.	35.	218	2.	2.	2.	219	1.	1.	1.	220	2.	2.	2.	221	8.	8.	8.	222	22.	22.	22.
223	10.	10.	10.	224	19.	19.	19.	225	50.	50.	50.	226	12.	12.	12.	227	2.	2.	2.	228	2.	2.	2.
229	1.	1.	1.	230	1.	1.	1.	231	2.	2.	2.	232	2.	2.	2.	233	1.	1.	1.	234	1.	1.	1.
235	2.	2.	2.	236	2.	2.	2.	237	4.	4.	4.	238	4.	4.	4.	239	4.	4.	4.	240	4.	4.	4.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK	419.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES	116.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK	1092.(VEH-MI)
TOTAL INTERSECTION DELAY ON NETWORK	371.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS	10692.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS	1989.(M)

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	254.	18.	76.	255.	187.	40.	188.
INDS	0.	0.	11.	48.	0.	0.	0.
SHOP	110.	14.	62.	91.	64.	18.	72.
SERV	149.	35.	53.	175.	125.	59.	101.
EXTN	157.	0.	72.	67.	0.	0.	0.
ADMN	0.	10.	45.	42.	0.	0.	42.
FLTL	57.	30.	112.	18.	0.	47.	0.

AD-A079 556 SRI INTERNATIONAL MENLO PARK CA F/G 15/5

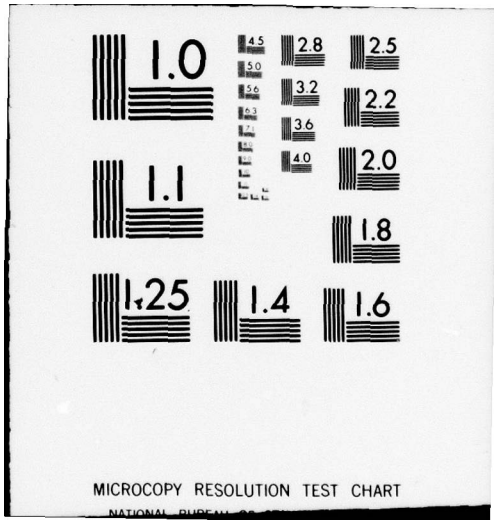
USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIM--ETC(U)

SEP 79 R SANDYS F08635-76-D-0132

UNCLASSIFIED AFESC/ESL-TR-79-16-VOL-3 NL

2 OF 3

AD A 079556


1.0
4.5
5.0
5.6
6.3
2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8
1.1
1.25
1.4
1.6
MICROCOPY RESOLUTION TEST CHART

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	34	7	0	3	3	0	0	0	0	47
OK	EXTN	327	72	0	33	31	0	0	0	0	463
BE	EXTN	6	2	0	1	1	0	0	0	0	12
DC	EXTN	33	7	0	3	3	0	0	0	0	46
ED	EXTN	11	2	0	1	1	0	0	0	0	15
ER	EXTN	2	0	0	0	0	0	0	0	0	2
MC	EXTN	198	43	0	20	19	0	0	0	0	280
MO	EXTN	41	9	0	4	4	0	0	0	0	58
SH	EXTN	55	12	0	6	5	0	0	0	0	78
TV	EXTN	7	2	0	1	1	0	0	0	0	11
1	SERV	100	45	11	16	53	38	18	31	3	315
2	HOME	14	129	9	38	129	95	20	95	0	529
3	SERV	130	68	16	24	81	57	27	46	16	465
4	SERV	85	35	8	13	42	30	14	24	0	251
5	HOME	13	125	9	37	126	92	20	93	0	515
6	SHOP	86	60	10	45	67	47	13	52	1	401
7	INDS	614	0	0	2	9	0	0	0	134	759
8	ADMN	3	0	1	6	6	0	0	6	34	56
9	SHOP	0	30	4	17	25	17	5	19	0	117
10	ADMN	822	0	9	38	36	0	0	36	27	968
11	INDS	361	0	0	1	3	0	0	0	38	403
12	INDS	627	0	0	1	4	0	0	0	10	642
13	INDS	47	0	0	0	1	0	0	0	8	56
14	INDS	316	0	0	1	3	0	0	0	10	330
15	FLTL	906	24	13	46	7	0	19	0	50	1065
16	FLTL	4996	34	18	65	10	0	27	0	81	5231
17	INDS	522	0	0	4	18	0	0	0	150	694
18	INDS	170	0	0	0	1	0	0	0	7	178
19	INDS	640	0	0	2	9	0	0	0	145	796
TOTAL		11168	726	108	428	698	376	163	402	714	14783

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1530. TO 1630. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL		
NO	EXTN	336	0	0	0	0	27	0	0	0	363		
OK	EXTN	3268	0	0	0	0	258	0	0	0	3526		
BE	EXTN	77	0	0	0	0	6	0	0	0	83		
DC	EXTN	333	0	0	0	0	26	0	0	0	359		
ED	EXTN	112	0	0	0	0	9	0	0	0	121		
ER	EXTN	17	0	0	0	0	1	0	0	0	18		
MC	EXTN	1983	0	0	0	0	156	0	0	0	2139		
MO	EXTN	407	0	0	0	0	32	0	0	0	439		
SH	EXTN	547	0	0	0	0	43	0	0	0	590		
TV	EXTN	71	0	0	0	0	6	0	0	0	77		
1	SERV	405	0	0	0	281	0	0	0	3	689		
2	HOME	133	368	0	0	0	0	0	0	0	501		
3	SERV	19	0	0	0	415	0	0	0	16	450		
4	SERV	114	0	0	0	1	0	0	0	0	115		
5	HOME	123	358	0	0	0	0	0	0	0	481		
6	SHOP	9	0	0	240	0	0	0	0	1	250		
7	INDS	62	0	29	0	0	0	0	0	134	225		
8	ADMN	0	0	0	0	0	0	34	0	34	68		
9	SHOP	0	0	0	190	0	0	0	0	0	190		
10	ADMN	82	0	0	0	0	0	206	0	27	315		
11	INDS	36	0	11	0	0	0	0	0	38	85		
12	INDS	62	0	13	0	0	0	0	0	10	85		
13	INDS	5	0	2	0	0	0	0	0	8	15		
14	INDS	32	0	9	0	0	0	0	0	10	51		
15	FLTL	90	0	0	0	0	0	0	239	50	379		
16	FLTL	500	0	0	0	0	0	0	337	81	918		
17	INDS	52	0	58	0	0	0	0	0	150	260		
18	INDS	17	0	5	0	0	0	0	0	7	29		
19	INDS	64	0	30	0	0	0	0	0	145	239		
TOTAL		8956	726	157	430	697	564	240	576	714	13060		
		5.	4.	1.	0.	1.	1.		1.	0.		0.	0.
		40.	35.	5.	5.	8.	6.		6.	2.		0.	0.
		0.	1.	0.	0.	0.	0.		0.	0.		0.	0.
		5.	4.	1.	1.	1.	0.		1.	0.		0.	0.
		0.	1.	0.	0.	0.	0.		0.	0.		0.	0.
		0.	0.	0.	0.	0.	0.		0.	0.		0.	0.
		25.	21.	4.	4.	4.	2.		3.	1.		0.	0.
		5.	4.	1.	1.	1.	1.		1.	0.		0.	0.
		6.	6.	1.	1.	2.	1.		1.	0.		0.	0.
		0.	1.	0.	0.	0.	0.		0.	0.		0.	0.
		11.	0.	0.	0.	3.	0.		0.	0.		43.	0.
		23.	1.	1.	1.	7.	1.		0.	0.		102.	0.
		15.	0.	0.	0.	4.	1.		0.	0.		67.	0.
		8.	0.	0.	0.	2.	0.		0.	0.		33.	0.
		23.	1.	1.	1.	7.	1.		0.	0.		99.	0.
		17.	0.	0.	0.	0.	0.		0.	0.		64.	0.
		108.	370.	26.	22.	32.	0.		0.	0.		62.	0.
		2.	0.	0.	0.	0.	0.		0.	0.		14.	0.
		4.	1.	0.	0.	1.	0.		0.	0.		24.	0.
		4.	4.	3.	2.	2.	0.		0.	0.		35.	0.
		16.	224.	57.	39.	30.	0.		0.	0.		26.	0.
		8.	51.	242.	152.	34.	0.		0.	0.		26.	0.
		0.	0.	2.	3.	1.	0.		0.	0.		2.	0.
		1.	2.	7.	4.	2.	0.		0.	0.		4.	0.
		0.	0.	0.	0.	0.	0.		0.	0.		37.	0.

1.	1.	2.	121.	56.	40.	4.	0.	66.	0.
128.	3.	3.	4.	34.	253.	46.	155.	70.	0.
0.	0.	0.	0.	0.	1.	0.	1.	1.	0.
1.	0.	0.	0.	1.	63.	44.	0.	44.	0.
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	5	6	4	2	3	7	8	0	0
1	5	6	4	2	3	7	8	0	0
1	5	6	4	2	3	7	8	0	0
1	5	6	4	2	3	7	8	0	0
1	5	6	4	2	3	7	8	0	0
1	5	2	4	3	6	7	8	0	0
2	1	5	3	4	6	7	8	0	0
1	5	2	3	4	6	7	8	0	0
1	5	2	3	4	6	7	8	0	0
2	1	3	4	5	6	7	8	0	0
2	3	4	5	1	6	7	8	0	0
3	4	2	5	1	6	7	8	0	0
4	3	5	2	1	6	7	8	0	0
3	4	2	5	1	6	7	8	0	0
3	1	4	2	5	6	7	8	0	0
4	5	6	7	3	2	1	8	0	0
6	8	1	7	5	4	2	3	0	0
8	6	7	1	5	4	2	3	0	0
6	7	1	5	8	4	3	2	0	0
27	17	22	22	26	27	27	27	0	0
17	21	21	26	22	29	29	28	0	0
12	22	17	21	27	26	26	29	0	0
15	20	24	17	17	12	28	26	0	0
16	27	27	24	21	15	12	12	0	0
21	24	20	27	12	13	15	15	0	0
13	26	23	23	15	28	13	13	0	0
11	19	26	20	13	11	11	11	0	0
14	12	12	12	11	14	14	14	0	0
22	15	15	15	14	17	17	17	0	0
20	13	25	13	24	21	21	21	0	0
19	11	13	11	20	22	22	22	0	0
18	18	19	19	19	19	19	19	0	0
26	14	11	25	29	20	20	20	0	0
29	23	14	14	23	24	24	24	0	0
24	25	18	18	18	18	18	18	0	0
25	16	29	29	25	16	16	16	0	0
28	29	16	16	16	23	23	23	0	0
23	28	28	28	28	25	25	25	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

C.4. MATRIX ASSOCIATING ZONES WITH GATES

ZONE	GATE 1	GATE 2	GATE 3	GATE 4	GATE 5	GATE 6	GATE 7	GATE 8	GATE 9	GATE10
1	1	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0
10	1	1	0	0	0	0	0	0	0	0
11	1	1	1	1	1	1	1	1	0	0
12	1	1	1	1	1	1	1	1	0	0
13	1	1	1	1	1	1	1	1	0	0
14	0	1	1	1	0	0	0	0	0	0
15	1	1	1	1	0	0	0	0	0	0
16	1	1	1	1	1	1	1	1	0	0
17	1	1	1	1	1	1	1	1	0	0
18	0	0	0	0	0	1	0	1	0	0
19	1	1	1	1	1	1	1	1	0	0

BATS MODEL OUTPUT 78/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	7	1	0	1	1	0	0	0	0	10
OK	EXTN	63	14	0	6	6	0	0	0	0	69
BE	EXTN	2	0	0	0	0	0	0	0	0	2
DC	EXTN	6	1	0	1	1	0	0	0	0	9
ED	EXTN	2	0	0	0	0	0	0	0	0	2
ER	EXTN	0	0	0	0	0	0	0	0	0	0
MC	EXTN	38	8	0	4	4	0	0	0	0	54
MO	EXTN	8	2	0	1	1	0	0	0	0	12
SH	EXTN	11	2	0	1	1	0	0	0	0	15
TV	EXTN	1	0	0	0	0	0	0	0	0	1
1	SERV	1	7	2	2	6	6	3	5	0	34
2	HOME	0	20	1	6	20	14	3	14	0	78
3	SERV	2	10	2	4	12	9	4	7	2	52
4	SERV	1	5	1	2	6	5	2	4	0	26
5	HOME	0	19	1	6	19	14	3	14	0	76
6	SHOP	1	12	2	7	10	7	2	8	0	49
7	INDS	0	0	0	0	1	0	0	0	20	21
8	ADMN	0	0	0	1	1	0	0	1	5	8
9	SHOP	0	5	1	3	4	3	1	3	0	20
10	ADMN	9	0	1	6	5	0	0	5	4	30
11	INDS	0	0	0	0	0	0	0	0	6	6
12	INDS	0	0	0	0	1	0	0	0	2	3
13	INDS	0	0	0	0	0	0	0	0	1	1
14	INDS	0	0	0	0	0	0	0	0	2	2
15	FLTL	1	4	2	7	1	0	3	0	8	26
16	FLTL	1	5	3	10	2	0	4	0	12	37
17	INDS	0	0	0	1	3	0	0	0	23	27
18	INDS	1	0	0	0	0	0	0	0	1	2
19	INDS	0	0	0	0	1	0	0	0	22	23
TOTAL		155	115	16	69	108	58	25	61	108	715

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	51	0	0	0	0	4	0	0	0	55
SK	EXTN	498	0	0	0	0	39	0	0	0	537
BE	EXTN	12	0	0	0	0	1	0	0	0	13
DC	EXTN	51	0	0	0	0	4	0	0	0	55
ED	EXTN	17	0	0	0	0	1	0	0	0	18
ER	EXTN	3	0	0	0	0	0	0	0	0	3
MC	EXTN	302	0	0	0	0	24	0	0	0	326
MO	EXTN	62	0	0	0	0	5	0	0	0	67
SH	EXTN	83	0	0	0	0	7	0	0	0	90
TV	EXTN	11	0	0	0	0	1	0	0	0	12
1	SERV	94	0	0	0	54	0	0	0	1	149
2	HOME	31	71	0	0	0	0	0	0	0	102
3	SERV	4	0	0	0	80	0	0	0	3	87
4	SERV	27	0	0	0	0	0	0	0	0	27
5	HOME	29	69	0	0	0	0	0	0	0	98
6	SHOP	2	0	0	46	0	0	0	0	0	48
7	INDS	14	0	6	0	0	0	0	0	26	46
8	ADMN	0	0	0	0	0	0	7	0	7	14
9	SHOP	0	0	0	37	0	0	0	0	0	37
10	ADMN	19	0	0	0	0	0	40	0	5	64
11	INDS	7	0	2	0	0	0	0	0	7	16
12	INDS	12	0	3	0	0	0	0	0	2	17
13	INDS	1	0	0	0	0	0	0	0	2	3
14	INDS	5	0	2	0	0	0	0	0	2	9
15	FLTL	17	0	0	0	0	0	0	46	10	73
16	FLTL	97	0	0	0	0	0	0	65	16	178
17	INDS	10	0	11	0	0	0	0	0	29	50
18	INDS	4	0	1	0	0	0	0	0	1	6
19	INDS	12	0	6	0	0	0	0	0	28	46
TOTAL		1475	140	31	83	134	86	47	111	139	2246

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

D.1. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (PERSONS)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	6.	17.	2.	33.	0.	0.	1.	3.	0.	0.	0.	0.	1.	1.	0.	1.	0.	0.	
OK	51.	165.	20.	322.	0.	1.	10.	29.	2.	1.	1.	2.	5.	9.	1.	8.	0.	0.	
BE	1.	4.	0.	8.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
DC	5.	17.	2.	33.	0.	0.	1.	3.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	
ED	1.	5.	0.	11.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
ER	0.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
MC	31.	98.	12.	198.	0.	0.	8.	18.	1.	0.	0.	1.	2.	5.	0.	5.	0.	0.	
MO	7.	21.	3.	40.	0.	0.	1.	4.	0.	0.	0.	0.	1.	1.	0.	1.	0.	0.	
SH	9.	29.	3.	53.	0.	0.	1.	5.	0.	0.	0.	0.	1.	2.	0.	1.	0.	0.	
TV	0.	4.	0.	7.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1	51.	34.	19.	5.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	1.	0.	27.	109.	
2	14.	22.	5.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	64.	77.	
3	100.	8.	36.	1.	1.	0.	1.	0.	0.	0.	1.	0.	1.	0.	2.	0.	41.	78.	
4	52.	8.	17.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	20.	17.	
5	15.	21.	5.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	62.	74.	
6	59.	8.	16.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	41.	39.	
7	0.	0.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.	41.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	14.	
9	1.	2.	4.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17.	31.	
10	38.	1.	538.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21.	57.	
11	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	13.	
12	0.	0.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	13.	
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	3.	
14	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	7.	
15	7.	1.	57.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	25.	67.	
16	0.	0.	0.	0.	0.	0.	61.	23.	1.	4.	1.	2.	1.	5.	0.	0.	36.	143.	
17	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	46.	
18	23.	1.	10.	0.	0.	0.	0.	0.	0.	0.	2.	0.	16.	0.	12.	0.	1.	5.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	0.	0.	23.	42.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	3	4	5	0	3	1	0	0	1	3	0	0	0	0	2	3	1	0	0	3	33	1	3	1	0	20	4	6	1
2	8	10	12	0	10	3	0	0	3	3	0	0	0	0	6	8	0	0	0	1	9	0	1	0	0	6	1	2	0
3	5	5	7	0	5	2	0	1	2	3	0	0	0	0	3	4	1	0	0	7	65	2	7	2	0	39	8	11	1
4	2	3	4	0	2	1	0	0	1	2	0	0	0	0	2	2	0	0	0	3	33	1	3	1	0	20	4	6	1
5	8	10	11	0	9	3	0	0	3	3	0	0	0	0	6	8	0	0	0	1	9	0	1	0	0	6	1	2	0
6	4	6	6	0	6	4	0	0	3	2	0	0	0	0	3	5	1	0	0	4	34	1	3	1	0	20	4	6	1
7	0	0	1	0	0	0	4	1	0	1	1	0	0	0	1	2	4	0	4	0	0	0	0	0	0	0	0	0	0
8	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0
9	2	3	2	0	2	2	0	0	1	1	0	0	0	0	1	2	0	0	0	0	2	0	0	0	0	1	0	0	0
10	2	0	3	0	0	3	1	0	3	0	0	0	0	0	2	3	1	0	1	27	263	6	27	9	1	161	33	43	6
11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	2	1	0	2	4	1	0	3	3	0	0	0	0	1	1	3	0	2	3	29	1	3	1	0	18	4	5	1
16	1	3	1	0	2	6	3	2	4	3	1	0	0	0	1	1	4	0	3	3	29	1	3	1	0	18	4	5	1
17	1	0	2	0	0	1	4	1	0	1	1	0	0	0	2	3	5	0	5	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	29	1	3	1	0	17	4	5	1
19	0	0	1	0	0	0	4	1	0	1	1	0	0	0	2	3	5	0	4	0	0	0	0	0	0	0	0	0	0
NO	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	18	12	5	4	11	4	2	0	3	3	1	2	0	1	3	16	2	1	2	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	11	7	3	3	7	2	1	0	2	2	1	1	0	1	2	10	1	0	1	0	0	0	0	0	0	0	0	0	0
MO	2	2	1	1	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	3	2	1	1	2	1	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 70/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

D.4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	4	1	0	1	1	0	0	0	1	2	4	0	4	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	2	1	0	0	1	0	0	0	1	1	3	0	2	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	4	1	0	1	1	0	0	0	2	3	5	0	5	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	4	1	0	1	1	0	0	0	2	3	5	0	4	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

E.1. MODAL SPLIT - VEHICLE LOAD FACTORS

ZONE	PERSONS PER VEHICLE	PERSONS PER MIL. VEHICLE	CIVILIAN VEH TRIPS ORG-GATE	CIVILIAN VEH TRIPS GATE-DEST	MILITARY VEH TRIPS ORG-GATE	MILITARY VEH TRIPS GATE-DEST	PERCENT MOTOR VEHICLES	PERCENT MILITARY VEHICLES	PERSON TRIPS FROM ORIGIN	PERSON TRIPS TO DEST.
NO	1.35800	1.35300	7.36	40.50	0.00	0.00	100.100	99.100	10.000	55.000
OK	1.35800	1.35300	65.54	395.43	0.00	0.00	100.100	99.100	89.000	537.000
BE	1.35800	1.35300	1.47	9.57	0.00	0.00	100.100	99.100	2.000	13.000
DC	1.35800	1.35300	6.63	40.50	0.00	0.00	100.100	99.100	9.000	55.000
ED	1.35800	1.35300	1.47	13.25	0.00	0.00	100.100	99.100	2.000	18.000
ER	1.35800	1.35300	0.00	2.21	0.00	0.00	100.100	99.100	0.000	3.000
MC	1.35800	1.35300	39.76	240.06	0.00	0.00	100.100	99.100	54.000	326.000
MO	1.35800	1.35300	8.84	49.34	0.00	0.00	100.100	99.100	12.000	67.000
SH	1.35800	1.35300	11.05	66.27	0.00	0.00	100.100	99.100	15.000	90.000
TV	1.35800	1.35300	.74	8.84	0.00	0.00	100.100	99.100	1.000	12.000
1	1.34000	1.16500	74.64	109.68	0.00	1.17	99.300	100.000	100.014	148.335
2	1.34000	1.45500	63.25	76.35	0.00	0.00	99.300	100.000	84.759	102.312
3	1.34000	1.35300	129.61	63.00	6.58	2.50	99.300	99.100	182.580	87.792
4	1.34000	1.35300	68.31	19.91	0.00	0.00	99.300	99.100	91.531	26.678
5	1.34000	1.35300	61.76	73.28	0.00	0.00	99.300	99.100	82.759	98.195
6	1.34000	1.47500	86.19	35.43	0.00	0.00	99.300	100.000	115.497	47.476
7	1.34000	1.34300	.75	12.56	14.89	21.73	103.800	100.000	21.000	46.018
8	1.34000	1.21000	2.24	5.22	4.13	5.79	103.800	100.000	8.000	14.000
9	1.34000	1.46600	16.01	27.79	0.00	0.00	99.300	100.000	21.448	37.241
10	1.36400	1.48000	354.94	42.68	76.97	3.78	100.000	100.000	598.059	63.810
11	1.34000	1.29400	0.00	5.34	4.64	6.45	99.000	100.000	6.000	15.509
12	1.34000	1.49200	.75	10.93	1.34	1.78	99.000	100.000	3.000	17.301
13	1.34000	1.49100	0.00	.84	.67	1.50	99.000	100.000	1.000	3.358
14	1.36400	1.32200	0.00	4.60	1.51	1.90	102.000	100.000	2.000	8.792
15	1.34000	1.40000	45.22	46.41	20.37	7.79	99.000	100.000	89.118	73.094
16	1.34000	1.42100	49.81	117.82	23.49	14.00	99.000	100.000	100.118	177.769
17	1.34000	1.37400	2.99	13.68	16.74	22.75	99.000	100.000	27.000	49.584
18	1.34000	1.34800	0.00	3.84	48.31	.95	99.000	100.000	65.118	6.434
19	1.34000	1.26800	.75	11.52	17.35	24.34	99.000	100.000	23.000	46.301

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

E.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	4.	13.	2.	24.	0.	0.	1.	2.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	
OK	38.	121.	14.	238.	0.	1.	8.	21.	2.	1.	1.	2.	3.	7.	0.	6.	0.	0.	
BE	1.	3.	0.	6.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
DC	4.	12.	2.	25.	0.	0.	1.	2.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	
ED	1.	4.	0.	8.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
ER	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
MC	23.	72.	9.	146.	0.	0.	6.	13.	1.	0.	0.	1.	2.	4.	0.	4.	0.	0.	
MO	5.	15.	2.	30.	0.	0.	1.	3.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	
SH	6.	21.	2.	39.	0.	0.	1.	3.	0.	0.	0.	0.	1.	1.	0.	1.	0.	0.	
TV	0.	3.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1	38.	25.	14.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	20.	81.	
2	11.	16.	4.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	47.	57.	
3	74.	6.	27.	1.	0.	0.	0.	0.	0.	0.	1.	0.	1.	0.	2.	0.	30.	58.	
4	39.	6.	13.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	15.	13.	
5	11.	16.	4.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	46.	55.	
6	43.	6.	12.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	30.	29.	
7	0.	0.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.	31.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	11.	
9	1.	2.	3.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.	23.	
10	27.	1.	389.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.	42.	
11	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	10.	
12	0.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	9.	
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.	
14	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	5.	
15	5.	1.	41.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	18.	49.	
16	0.	0.	0.	0.	0.	0.	44.	17.	1.	3.	1.	1.	1.	4.	0.	0.	26.	105.	
17	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.	34.	
18	17.	1.	7.	0.	0.	0.	0.	0.	0.	0.	2.	0.	12.	0.	9.	0.	1.	4.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	0.	0.	18.	32.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

F.1. CALIBRATION FACTORS (FACTOR=GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
.701	.727	.721	.704

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	5.	12.	2.	14.	0.	4.	0.	7.	1.	8.	1.	6.	0.	2.	0.	3.	0.	0.	
OK	46.	120.	22.	141.	3.	41.	1.	72.	11.	61.	4.	55.	3.	22.	4.	31.	0.	0.	
BE	1.	3.	0.	3.	0.	1.	0.	2.	0.	2.	0.	1.	0.	1.	0.	1.	0.	0.	
DC	5.	13.	2.	15.	0.	4.	0.	8.	1.	5.	0.	5.	0.	2.	0.	3.	0.	0.	
ED	1.	4.	0.	5.	0.	1.	0.	2.	0.	2.	0.	2.	0.	1.	0.	1.	0.	0.	
ER	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
MC	30.	74.	14.	90.	2.	25.	1.	47.	4.	29.	2.	32.	1.	13.	3.	20.	0.	0.	
MO	6.	15.	3.	17.	0.	5.	0.	9.	1.	8.	1.	7.	0.	3.	1.	4.	0.	0.	
SH	7.	20.	3.	22.	1.	7.	0.	11.	2.	13.	1.	10.	1.	4.	1.	5.	0.	0.	
TV	0.	3.	0.	3.	0.	1.	0.	2.	0.	2.	0.	1.	0.	0.	0.	1.	0.	0.	
1	19.	31.	1.	6.	8.	2.	7.	0.	14.	0.	15.	0.	3.	0.	7.	2.	20.	61.	
2	5.	19.	0.	4.	2.	1.	2.	0.	4.	0.	4.	0.	1.	0.	2.	1.	47.	57.	
3	37.	8.	3.	1.	15.	1.	13.	0.	27.	0.	29.	0.	7.	0.	15.	1.	30.	58.	
4	22.	8.	2.	1.	7.	0.	6.	0.	12.	0.	14.	0.	3.	0.	7.	0.	15.	13.	
5	6.	19.	0.	4.	2.	1.	2.	0.	4.	0.	4.	0.	1.	0.	2.	1.	46.	55.	
6	63.	8.	4.	1.	2.	0.	2.	0.	3.	0.	2.	0.	1.	0.	1.	0.	30.	29.	
7	0.	0.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16.	31.	
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	11.	
9	1.	2.	1.	5.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	13.	23.	
10	102.	1.	307.	6.	48.	0.	31.	0.	47.	0.	24.	0.	6.	0.	13.	0.	15.	42.	
11	0.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	10.	
12	0.	0.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	9.	
13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.	
14	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	5.	
15	15.	1.	24.	5.	8.	0.	5.	0.	7.	0.	3.	0.	1.	0.	2.	0.	18.	49.	
16	0.	1.	0.	0.	0.	0.	59.	2.	4.	22.	1.	7.	0.	3.	0.	1.	26.	105.	
17	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	20.	34.	
18	2.	0.	0.	0.	1.	0.	1.	0.	6.	0.	18.	0.	21.	0.	16.	1.	1.	4.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	3.	0.	0.	18.	32.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

G.1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIMES

ZONE	ASSGN. VEH. ORG. TO GATES	ASSGN.VEH. GATES TO DEST.	ASSGN. VEH. INTERNAL O-D	ASSIGNMENT TIME	TOTAL TIME	NO. PATHS FOLLOWED
1	75.078	41.464	21.357	4.573	132.899	792
2	21.345	26.643	54.580	.796	133.695	800
3	145.500	10.302	32.809	.908	134.603	811
4	73.554	10.187	16.302	.643	135.246	816
5	21.345	25.467	55.086	.679	135.925	824
6	76.603	8.922	34.974	.638	136.563	832
7	0.000	5.386	24.095	.516	137.079	840
8	0.000	0.000	7.037	.387	137.466	845
9	4.574	6.569	12.034	.640	138.106	855
10	578.276	7.043	20.534	.585	138.691	865
11	0.000	2.698	8.444	.420	139.111	869
12	0.000	4.449	2.303	.505	139.616	874
13	0.000	.353	1.151	.460	140.076	881
14	0.000	1.910	2.303	.478	140.554	890
15	65.033	6.363	25.823	.687	141.241	907
16	64.691	36.293	37.966	.782	142.023	917
17	0.000	3.726	29.938	.484	142.507	922
18	66.001	1.506	1.173	.573	143.080	921
19	0.000	4.717	25.801	.672	143.752	937

BATS MODEL OUTPUT 76/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	3.43	0.00	0.00	3.43	0.00	2.74	.65	0.00	.02	.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	1.13	1.43
2	116.24	116.24	0.00	0.00	0.00	92.90	22.06	0.00	.70	.12	.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	595.52	3.34	592.18	0.00	0.00	475.94	113.04	0.00	3.57	.59	2.38	0.00	0.00	0.00	0.00	0.00	0.00	1.13	1.43
4	127.31	54.48	72.82	0.00	0.00	101.74	24.16	0.00	.76	.13	.51	0.00	0.00	0.00	0.00	0.00	0.00	3.72	5.33
5	579.50	454.13	0.00	125.37	0.00	458.52	106.90	0.00	3.64	.61	2.30	.06	4.09	0.00	.77	.61	0.00	4.74	6.59
6	331.66	306.99	24.67	0.00	0.00	244.08	59.67	0.00	8.16	1.61	1.89	3.04	8.76	.71	3.57	.17	.00	89.48	144.69
7	354.93	315.96	0.00	38.97	0.00	266.33	63.28	0.00	2.37	.41	1.36	2.70	8.41	3.97	4.86	1.19	.05	14.72	20.98
8	582.35	578.71	3.64	0.00	0.00	398.99	96.31	0.00	8.74	1.72	2.58	10.89	46.48	4.24	11.94	.46	.00	169.78	264.58
9	357.87	306.11	49.25	2.51	0.00	268.68	63.84	0.00	2.39	.41	1.37	2.70	8.41	3.97	4.86	1.19	.05	15.59	22.08
10	586.36	54.00	532.36	0.00	0.00	402.19	97.07	0.00	8.77	1.73	2.59	10.89	46.48	4.24	11.94	.46	.00	169.65	264.39
11	14.61	13.81	0.00	.80	0.00	11.67	2.77	0.00	.09	.01	.06	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.48
12	65.17	65.17	0.00	0.00	0.00	52.06	12.37	0.00	.39	.07	.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	22.14	0.00	22.14	0.00	0.00	17.25	4.17	0.00	.40	.08	.11	.02	.07	.01	.03	.01	.00	9.26	12.88
19	.79	0.00	0.00	.79	0.00	.63	.15	0.00	.00	.00	.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	9.41	9.41	0.00	0.00	0.00	7.52	1.79	0.00	.06	.01	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	212.88	.79	210.98	1.12	0.00	152.06	36.14	0.00	1.51	.27	.79	2.70	9.18	4.05	4.86	1.19	.05	15.17	21.46
22	193.01	0.00	193.01	0.00	0.00	135.16	31.94	0.00	1.86	.35	.66	4.05	11.66	.86	6.26	.20	.00	34.10	56.35
23	533.16	365.30	0.00	167.85	0.00	359.67	86.97	0.00	8.45	1.67	2.38	10.89	46.48	4.24	11.94	.46	.00	169.95	264.77
24	355.23	0.00	11.17	344.06	0.00	266.57	63.34	0.00	2.37	.41	1.36	2.70	8.41	3.97	4.86	1.19	.05	14.72	20.98
25	366.49	272.34	94.14	0.00	0.00	244.52	59.90	0.00	6.72	1.34	1.85	7.02	35.69	3.47	5.70	.25	.00	135.96	226.46
26	160.00	144.26	15.74	0.00	0.00	127.87	30.37	0.00	.96	.16	.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	6.21	6.21	0.00	0.00	0.00	4.97	1.18	0.00	.04	.01	.02	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.29
28	80.59	26.16	7.01	47.41	0.00	64.40	15.30	0.00	.48	.08	.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	7.47	6.98	0.00	0.00	.49	5.14	1.25	0.00	.25	.05	.04	.03	.12	.02	.07	.01	.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	4.05	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	85.29	5.13	41.30	38.87	0.00	43.18	10.99	0.00	1.48	.30	.47	3.72	11.32	5.78	6.54	1.43	.08	15.55	22.23
36	538.91	538.91	0.00	0.00	0.00	380.84	90.30	0.00	2.28	.39	1.82	7.91	41.80	3.52	9.15	.89	0.00	83.88	144.03
37	63.64	63.64	0.00	0.00	0.00	33.73	8.04	0.00	.43	.08	.19	2.70	8.41	3.97	4.86	1.19	.05	13.55	18.73
38	538.91	0.00	275.37	263.54	0.00	380.84	90.30	0.00	2.28	.39	1.82	7.91	41.80	3.52	9.15	.89	0.00	83.88	144.03
39	242.17	112.33	0.00	14.25	115.59	96.55	22.93	0.00	.92	.16	.49	.06	4.09	0.00	.77	.61	0.00	26.17	34.11
40	496.85	0.00	277.18	141.39	78.28	313.54	78.16	0.00	8.68	1.70	2.23	3.04	8.76	.71	3.57	.17	.00	88.93	143.92
41	111.63	107.40	0.00	4.23	0.00	79.12	18.92	0.00	4.02	.80	.56	.23	5.58	.21	1.39	.78	.00	4.74	6.59
42	502.18	494.28	7.89	0.00	0.00	379.92	92.00	0.00	9.44	1.84	2.59	3.06	8.83	.73	3.60	.18	.00	90.78	147.39
43	8.01	8.01	0.00	0.00	0.00	6.40	1.52	0.00	.05	.01	.03	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.68
44	62.03	0.00	25.77	36.26	0.00	49.57	11.77	0.00	.37	.06	.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	118.12	0.00	118.12	0.00	0.00	77.25	17.79	0.00	.05	.01	.21	.46	19.01	1.78	1.47	.09	0.00	42.09	76.03
46	46.53	0.00	46.53	0.00	0.00	34.30	9.41	0.00	.48	.10	.49	.10	.88	.18	.39	.20	.00	15.76	26.54
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	48.02	0.00	0.00	36.88	11.14	25.75	6.18	0.00	1.33	.27	.19	.06	1.17	.27	1.00	.67	.00	2.98	4.56

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	39.23	5.12	0.00	34.11	0.00	16.32	4.29	0.00	.62	.12	.20	4.34	7.17	1.11	4.88	.15	.03	15.79	23.26
51	543.01	6.73	536.27	.02	0.00	348.69	79.66	0.00	.52	.10	.80	4.76	90.32	3.04	9.14	.98	.00	192.07	344.20
52	43.99	4.05	32.85	0.00	7.09	18.95	4.88	0.00	.27	.05	.23	.94	8.08	1.31	2.10	.10	.00	8.00	11.63
53	70.18	70.18	0.00	0.00	0.00	34.89	10.57	0.00	.52	.10	.75	2.94	14.28	1.23	4.15	.75	.00	24.19	39.24
54	4.05	0.00	0.00	4.05	0.00	2.56	.84	0.00	0.00	0.00	.07	.05	.14	.38	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	94.67	0.00	93.20	.51	.96	63.96	14.96	0.00	1.47	.29	.29	.45	10.09	.93	1.20	.08	.00	34.10	59.10
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	272.34	0.00	0.00	272.34	0.00	180.95	45.03	0.00	5.28	1.06	1.56	6.49	24.82	2.46	4.51	.18	.00	101.41	168.88
62	128.61	128.08	0.00	.53	0.00	77.05	20.83	0.00	1.26	.25	1.04	7.78	15.87	1.96	2.53	.06	.00	47.28	80.80
63	9.95	9.95	0.00	0.00	0.00	7.95	1.89	0.00	.06	.01	.04	0.00	0.00	0.00	0.00	0.00	0.00	3.35	4.25
64	92.16	79.39	12.76	0.00	0.00	73.65	17.49	0.00	.55	.09	.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	202.96	116.18	86.78	0.00	0.00	143.11	33.83	0.00	1.92	.36	.70	4.05	11.66	.86	6.26	.20	.00	37.45	60.59
66	305.04	92.16	0.00	212.88	0.00	225.71	53.63	0.00	2.07	.36	1.16	2.78	9.18	4.05	4.86	1.19	.05	15.17	21.46
67	8.14	.16	7.98	0.00	0.00	5.14	1.25	0.00	.25	.05	.04	.04	.98	.02	.23	.14	.00	.58	.58
68	2.25	0.00	0.00	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71	1.02	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.09	.84	.09	0.00	0.00	0.00	.51	.51
72	70.18	0.00	0.00	70.18	0.00	34.89	10.57	0.00	.52	.10	.75	2.94	14.28	1.23	4.15	.75	.00	24.19	39.24
73	32.85	0.00	4.34	28.51	0.00	16.39	4.03	0.00	.27	.05	.16	.89	7.94	.92	2.10	.10	.00	8.00	11.63
74	467.33	0.00	0.00	467.33	0.00	313.80	69.09	0.00	0.00	0.00	.05	.60	73.27	6.66	3.85	.01	0.00	165.12	302.21
75	5.14	0.00	0.00	0.00	5.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76	3.41	0.00	0.00	0.00	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77	36.88	4.76	32.12	0.00	0.00	25.75	6.18	0.00	1.33	.27	.19	.06	1.17	.27	1.00	.67	.00	2.98	4.56
78	28.35	0.00	28.35	0.00	0.00	16.32	4.29	0.00	.62	.12	.20	1.24	3.04	.70	1.70	.08	.03	10.56	17.61
79	51.11	36.88	14.22	0.00	0.00	37.78	10.44	0.00	.48	.10	.56	.10	.88	.18	.39	.20	.00	17.41	29.47
80	120.91	0.00	0.00	118.12	2.80	77.25	17.79	0.00	.05	.01	.21	.46	19.01	1.78	1.47	.09	0.00	42.09	76.03
81	131.39	10.57	107.25	0.00	13.56	84.20	20.05	0.00	4.37	.87	.58	.17	5.35	.14	1.32	.77	.00	11.26	18.25
82	442.77	392.15	42.30	0.00	8.33	315.43	77.80	0.00	14.33	2.87	2.75	3.54	11.46	1.02	4.81	.43	.01	163.81	270.63
83	44.65	37.24	4.07	3.34	0.00	27.27	6.59	0.00	1.36	.27	.21	.33	6.30	.19	1.37	.76	.00	8.23	11.83
84	62.54	36.04	15.52	0.00	10.99	26.18	6.53	0.00	1.20	.24	.25	3.52	5.42	3.60	4.08	.50	.03	18.94	30.37
85	53.80	43.92	0.00	5.32	4.56	27.01	6.56	0.00	1.35	.27	.21	.33	7.91	.63	2.98	1.98	.00	10.38	14.27
86	39.34	0.00	0.00	26.80	12.54	15.13	4.01	0.00	.55	.11	.20	1.24	3.04	.70	1.70	.08	.03	10.00	16.62
87	1.07	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88	1.11	0.00	0.00	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	4.34	0.00	0.00	0.00	4.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	235.94	0.00	0.00	235.94	0.00	157.87	34.87	0.00	0.00	0.00	.05	.60	36.98	3.36	2.20	.01	0.00	83.37	152.58
91	233.49	0.00	231.39	0.00	2.10	155.93	34.23	0.00	0.00	0.00	0.00	0.00	36.29	3.30	1.65	0.00	0.00	81.76	149.63
92	28.51	6.55	9.07	6.77	6.13	9.70	2.57	0.00	.27	.05	.16	.89	5.90	.74	2.01	.10	.00	6.26	9.03
93	9.02	1.06	7.90	.07	0.00	5.05	1.22	0.00	.25	.05	.04	.10	1.27	.27	.58	.18	.02	.96	1.24
94	7.57	2.25	5.32	0.00	0.00	1.49	.33	0.00	0.00	0.00	.04	.48	3.55	.48	1.21	0.00	0.00	2.39	3.06
95	7.98	7.98	0.00	0.00	0.00	5.05	1.22	0.00	.25	.05	.04	.04	.96	.02	.22	.14	.00	.58	.58
96	2.25	2.25	0.00	0.00	0.00	.06	.02	0.00	0.00	0.00	.00	.19	1.77	.19	0.00	0.00	0.00	.94	1.06
97	8.97	7.98	0.00	0.00	.99	5.05	1.22	0.00	.25	.05	.04	.04	.96	.02	.22	.14	.00	.58	.58
98	2.25	0.00	0.00	2.25	0.00	.06	.02	0.00	0.00	0.00	.00	.19	1.77	.19	0.00	0.00	0.00	.94	1.06
99	.16	0.00	0.00	0.00	.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	.99	0.00	0.00	.99	0.00	.16	.05	0.00	0.00	0.00	.00	.06	.19	.51	0.00	0.00	0.00	.37	.62
101	24.22	24.22	0.00	0.00	0.00	12.28	4.04	0.00	0.00	0.00	.34	.76	4.92	.53	1.21	.15	0.00	9.13	15.09
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	5.32	0.00	0.00	0.00	5.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	55.95	0.00	55.95	0.00	0.00	26.90	8.62	0.00	0.00	0.00	.68	2.85	11.77	1.24	3.57	.33	0.00	21.09	34.86
106	11.86	0.00	0.00	0.00	11.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	11.93	0.00	0.00	11.86	.07	4.47	1.47	0.00	0.00	0.00	.12	.58	3.77	.41	.93	.12	0.00	2.82	4.07
108	58.26	54.26	0.00	1.04	2.95	24.83	8.16	0.00	0.00	0.00	.68	2.92	12.64	1.46	4.08	.51	.02	21.13	34.17
109	4.76	0.00	0.00	0.00	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	4.46	1.55	0.00	0.00	2.91	1.19	.28	0.00	.06	.01	.01	0.00	0.00	0.00	0.00	0.00	0.00	.56	.99
111	20.83	0.00	0.00	0.00	20.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	.73	0.00	0.00	.73	0.00	.56	.13	0.00	.03	.01	.00	0.00	0.00	0.00	0.00	0.00	0.00	.26	.47
113	89.57	86.89	2.67	0.00	0.00	50.92	12.23	0.00	2.02	.40	.35	.52	17.39	.34	3.22	2.17	.00	32.68	52.18
114	46.43	13.05	15.25	18.13	0.00	12.09	2.87	0.00	.63	.13	.08	4.48	15.13	3.33	6.76	.90	.04	17.53	21.94
115	162.95	75.88	0.00	87.07	0.00	121.82	28.85	0.00	6.41	1.28	.80	.58	1.44	.55	1.09	.11	.00	18.15	30.73
116	417.36	0.00	50.31	367.04	0.00	311.04	76.80	0.00	14.07	2.81	2.73	1.56	4.78	.84	2.16	.54	.01	156.93	260.43
117	75.88	34.42	41.46	0.00	0.00	55.55	13.16	0.00	2.92	.58	.37	.44	1.22	.50	1.03	.10	.00	9.11	15.00
118	284.54	284.54	0.00	0.00	0.00	209.99	50.69	0.00	10.32	2.06	1.59	1.56	4.78	.84	2.16	.54	.01	107.71	176.83
119	54.23	0.00	0.00	0.00	54.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	206.99	200.74	0.00	0.00	8.25	145.91	35.15	0.00	7.24	1.45	1.09	1.56	4.78	.84	2.16	.54	.01	75.87	124.87
121	54.43	7.41	0.00	47.02	0.00	41.60	10.21	0.00	1.90	.38	.35	0.00	0.00	0.00	0.00	0.00	0.00	20.81	33.62
122	41.46	0.00	0.00	0.00	41.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	13.26	3.61	9.64	0.00	0.00	10.15	2.40	0.00	.53	.11	.07	0.00	0.00	0.00	0.00	0.00	0.00	5.04	8.22
124	10.61	0.00	0.00	10.61	0.00	8.12	1.92	0.00	.43	.09	.05	0.00	0.00	0.00	0.00	0.00	0.00	3.93	6.68
125	87.07	0.00	51.41	25.47	10.19	58.48	13.85	0.00	3.08	.62	.38	.14	.22	.05	.05	.01	.00	9.04	15.73
126	132.82	0.00	132.82	0.00	0.00	101.06	26.11	0.00	3.75	.75	1.14	0.00	0.00	0.00	0.00	0.00	0.00	49.22	83.60
127	72.16	25.44	8.25	26.64	11.82	46.02	10.90	0.00	2.42	.48	.30	.10	.10	.02	0.00	0.00	0.00	12.37	21.32
128	55.73	0.00	0.00	55.73	0.00	42.38	11.01	0.00	1.55	.31	.49	0.00	0.00	0.00	0.00	0.00	0.00	20.45	35.28
129	45.44	0.00	0.00	0.00	45.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	21.30	0.00	10.67	0.00	10.63	8.17	1.93	0.00	.43	.09	.05	0.00	0.00	0.00	0.00	0.00	0.00	3.91	6.76
131	25.47	0.00	0.00	0.00	25.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	34.38	0.00	34.38	0.00	0.00	26.04	7.14	0.00	.69	.14	.39	0.00	0.00	0.00	0.00	0.00	0.00	12.67	21.72
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	128.61	0.00	128.61	0.00	0.00	77.05	20.83	0.00	1.26	.25	1.04	7.78	15.87	1.96	2.53	.06	.00	47.28	80.80
136	272.34	221.84	0.00	0.00	50.50	153.64	36.06	0.00	5.28	1.06	.81	1.24	18.63	1.52	3.43	.18	.00	82.62	139.22
137	128.61	128.61	0.00	0.00	0.00	77.05	20.83	0.00	1.26	.25	1.04	7.78	15.87	1.96	2.53	.06	.00	47.28	80.80
138	221.84	0.00	221.84	0.00	0.00	153.64	36.06	0.00	5.28	1.06	.81	1.24	18.63	1.52	3.43	.18	.00	82.62	139.22
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	246.22	97.26	0.00	148.96	0.00	165.87	39.08	0.00	5.73	1.15	.92	2.47	22.04	3.00	5.34	.59	.02	91.64	154.57
142	128.61	0.00	0.00	128.61	0.00	77.05	20.83	0.00	1.26	.25	1.04	7.78	15.87	1.96	2.53	.06	.00	47.28	80.80
143	109.40	0.00	69.61	39.79	0.00	62.14	15.93	0.00	1.26	.25	.63	2.53	19.49	.79	6.32	.06	.00	34.24	52.45
144	152.33	0.00	15.81	136.52	0.00	115.10	27.36	0.00	1.24	.22	.60	.98	3.11	1.43	1.86	.42	.02	8.27	14.06
145	131.99	118.15	13.84	0.00	0.00	93.33	22.17	0.00	.67	.11	.47	3.78	5.43	.24	5.65	.14	0.00	10.51	14.81
146	190.42	168.52	0.00	21.91	0.00	125.61	29.83	0.00	.94	.16	.63	3.13	18.20	2.62	8.50	.78	.03	16.38	16.88
147	16.22	0.00	.00	16.22	0.00	10.26	2.88	0.00	.03	.01	.16	.53	1.73	.17	.44	.02	.00	2.47	4.47
148	120.00	0.00	22.53	97.47	0.00	95.90	22.78	0.00	.72	.12	.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	137.85	.35	0.00	115.43	22.06	70.72	16.66	0.00	2.76	.55	.40	1.70	16.53	.58	5.79	.08	.00	45.15	70.50

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
150	61.05	59.00	2.05	0.00	0.00	30.49	10.03	0.00	0.00	0.00	.84	7.68	9.06	1.38	1.58	0.00	0.00	22.60	38.44
151	32.42	0.00	0.00	24.94	7.49	11.43	2.85	0.00	.27	.05	.10	1.46	5.59	.21	2.50	.48	.00	8.43	14.59
152	38.52	29.50	.58	0.00	8.44	15.02	4.94	0.00	0.00	0.00	.41	3.78	4.46	.68	.78	0.00	0.00	11.14	18.94
153	140.68	121.42	19.26	0.00	0.00	101.28	24.09	0.00	.76	.13	.52	3.76	4.31	.14	5.57	.14	0.00	7.09	9.12
154	95.06	92.95	0.00	2.11	0.00	49.39	11.73	0.00	.37	.06	.25	3.13	18.20	2.62	8.50	.78	.03	16.38	16.88
155	8.44	0.00	8.44	0.00	0.00	3.08	1.01	0.00	0.00	0.00	.08	1.66	1.96	.30	.34	0.00	0.00	1.81	1.94
156	24.94	0.00	19.48	0.00	5.45	10.72	2.61	0.00	.27	.05	.08	.24	4.20	.17	.71	.43	.00	6.83	11.88
157	19.48	12.11	0.00	7.37	0.00	10.72	2.61	0.00	.27	.05	.08	.24	4.20	.17	.71	.43	.00	6.83	11.88
158	30.06	0.00	0.00	8.44	21.62	3.08	1.01	0.00	0.00	0.00	.08	1.66	1.96	.30	.34	0.00	0.00	1.81	1.94
159	3.57	0.00	0.00	0.00	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	22.05	14.31	7.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.04	11.55	2.72	4.15	1.56	.03	10.64	11.41
161	20.70	3.04	17.42	.23	0.00	3.23	1.05	0.00	.01	.00	.09	4.44	5.12	.18	6.43	.16	.00	6.35	8.16
162	81.26	0.00	8.56	72.70	0.00	38.36	9.11	0.00	.29	.05	.19	3.13	18.20	2.62	8.50	.78	.03	16.38	16.88
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	22.05	0.00	0.00	22.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.04	11.55	2.72	4.15	1.56	.03	10.64	11.41
165	20.09	0.00	0.00	20.09	0.00	6.12	1.54	0.00	.27	.05	.06	.39	8.52	.15	1.77	1.22	.00	7.94	11.15
166	65.89	0.00	0.00	65.89	0.00	13.40	3.29	0.00	.64	.13	.11	4.97	28.37	.12	14.77	.09	.00	29.38	34.21
167	20.09	0.00	20.09	0.00	0.00	6.12	1.54	0.00	.27	.05	.06	.39	8.52	.15	1.77	1.22	.00	7.94	11.15
168	65.89	0.00	65.89	0.00	0.00	13.40	3.29	0.00	.64	.13	.11	4.97	28.37	.12	14.77	.09	.00	29.38	34.21
169	20.09	0.00	20.09	0.00	0.00	6.12	1.54	0.00	.27	.05	.06	.39	8.52	.15	1.77	1.22	.00	7.94	11.15
170	65.89	0.00	0.00	65.89	0.00	13.40	3.29	0.00	.64	.13	.11	4.97	28.37	.12	14.77	.09	.00	29.38	34.21
171	65.89	0.00	0.00	65.89	0.00	13.40	3.29	0.00	.64	.13	.11	4.97	28.37	.12	14.77	.09	.00	29.38	34.21
172	20.09	0.00	0.00	20.09	0.00	6.12	1.54	0.00	.27	.05	.06	.39	8.52	.15	1.77	1.22	.00	7.94	11.15
173	28.29	8.21	19.97	0.00	.11	6.05	1.52	0.00	.27	.05	.06	.97	13.75	.15	4.14	1.22	.00	12.04	16.25
174	65.89	0.00	65.89	0.00	0.00	13.40	3.29	0.00	.64	.13	.11	4.97	28.37	.12	14.77	.09	.00	29.38	34.21
175	16.41	0.00	0.00	16.41	0.00	.00	.00	0.00	0.00	0.00	.00	1.15	10.50	.00	4.76	0.00	0.00	8.21	8.21
176	1.85	1.07	0.00	0.00	.78	.60	.20	0.00	0.00	0.00	.02	.08	.09	.01	.08	.00	0.00	0.00	0.00
177	7.13	0.00	7.13	0.00	0.00	4.93	1.20	0.00	.24	.05	.04	.01	.47	.01	.11	.07	.00	0.00	0.00
178	50.15	0.00	50.15	0.00	0.00	36.15	8.49	0.00	1.38	.28	.20	.18	2.81	.30	.33	.04	.00	18.56	31.58
179	69.00	0.00	69.00	0.00	0.00	55.14	13.10	0.00	.41	.07	.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	8.98	0.00	1.85	7.13	0.00	5.99	1.54	0.00	.24	.05	.07	.10	.66	.02	.23	.07	.00	0.00	0.00
181	69.00	0.00	62.03	6.97	0.00	55.14	13.10	0.00	.41	.07	.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
182	9.00	0.00	0.00	9.00	0.00	7.19	1.71	0.00	.05	.01	.04	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.68
183	7.13	0.00	7.13	0.00	0.00	4.93	1.20	0.00	.24	.05	.04	.01	.47	.01	.11	.07	.00	0.00	0.00
184	50.15	0.00	0.00	50.15	0.00	36.15	8.49	0.00	1.38	.28	.20	.18	2.81	.30	.33	.04	.00	18.56	31.58
185	50.76	0.00	0.00	50.15	.61	36.15	8.49	0.00	1.38	.28	.20	.18	2.81	.30	.33	.04	.00	18.56	31.58
186	17.56	17.56	0.00	0.00	0.00	4.93	1.20	0.00	.24	.05	.04	.67	7.26	.01	2.96	.20	.00	5.22	5.22
187	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
188	7.11	0.00	7.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	2.20	.07	2.84	.07	0.00	3.13	3.98
189	44.65	0.00	0.00	44.65	0.00	12.80	3.09	0.00	.64	.13	.10	3.48	15.37	.11	8.84	.09	.00	19.30	24.13
190	19.97	19.97	0.00	0.00	0.00	6.05	1.52	0.00	.27	.05	.06	.39	8.50	.15	1.76	1.22	.00	7.93	11.14
191	17.37	17.37	0.00	0.00	0.00	12.80	3.09	0.00	.64	.13	.10	.15	.26	.04	.15	.02	.00	6.08	10.07
192	19.97	0.00	0.00	19.97	0.00	6.05	1.52	0.00	.27	.05	.06	.39	8.50	.15	1.76	1.22	.00	7.93	11.14
193	19.97	0.00	8.19	0.00	11.77	5.15	1.22	0.00	.27	.05	.03	.29	.69	.15	.28	.05	.00	2.84	4.54
194	17.37	0.00	17.37	0.00	0.00	12.80	3.09	0.00	.64	.13	.10	.15	.26	.04	.15	.02	.00	6.08	10.07
195	57.87	50.76	0.00	7.11	0.00	36.51	8.61	0.00	1.38	.28	.21	2.11	5.09	.37	3.21	.11	.00	21.70	35.56
196	17.56	15.41	0.00	0.00	2.15	4.67	1.11	0.00	.24	.05	.03	.65	5.94	.01	2.71	.00	.00	4.63	4.63
197	86.89	50.76	0.00	17.37	18.77	49.31	11.70	0.00	2.02	.40	.31	.33	3.14	.34	.52	.05	.00	24.64	41.65
198	23.60	23.60	0.00	0.00	0.00	9.82	2.33	0.00	.51	.10	.07	.94	6.63	.16	2.99	.05	.00	7.47	9.17
199	2.67	0.00	0.00	0.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO1630. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
200	22.83	0.00	0.00	22.83	0.00	2.27	.54	0.00	.12	.02	.01	3.54	8.50	3.17	3.77	.84	.04	10.06	12.77
201	8.01	0.00	0.00	8.01	0.00	6.40	1.52	0.00	.05	.01	.03	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.68
202	62.03	62.03	0.00	0.00	0.00	49.57	11.77	0.00	.37	.06	.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
203	10.24	7.59	2.65	0.00	0.00	8.19	1.94	0.00	.06	.01	.04	0.00	0.00	0.00	0.00	0.00	0.00	4.51	5.73
204	79.39	0.00	0.00	0.00	79.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	14.31	11.95	0.00	2.36	0.00	11.44	2.72	0.00	.09	.01	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
206	77.93	0.00	0.00	0.00	77.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
207	2.10	.07	1.40	.64	0.00	1.68	.40	0.00	.01	.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
208	75.41	0.00	0.00	0.00	75.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	11.16	0.00	.09	11.06	0.00	8.92	2.12	0.00	.07	.01	.04	0.00	0.00	0.00	0.00	0.00	0.00	3.72	5.33
210	592.18	0.00	0.00	0.00	592.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211	36.26	0.00	0.00	0.00	36.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
212	95.05	90.47	4.58	0.00	0.00	75.96	18.04	0.00	.57	.09	.38	0.00	0.00	0.00	0.00	0.00	0.00	.17	.24
213	6.97	0.00	0.00	0.00	6.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214	.99	0.00	.99	0.00	0.00	.79	.19	0.00	.01	.00	.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
215	129.98	0.00	0.00	0.00	129.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
216	23.61	22.36	0.00	1.25	0.00	18.87	4.48	0.00	.14	.02	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
217	80.47	37.57	0.00	28.68	14.22	39.34	9.33	0.00	1.49	.30	.24	.33	11.49	.33	2.06	1.32	.00	16.23	26.57
218	122.18	12.63	0.00	106.58	2.96	71.39	15.72	0.00	.14	.03	.02	1.92	21.96	3.95	3.51	.55	.03	43.23	75.88
219	51.18	0.00	0.00	24.08	27.09	15.43	3.83	0.00	.81	.16	.14	.52	.99	.79	.98	.42	.00	8.21	13.71
220	129.54	116.64	0.00	9.73	2.97	79.89	18.54	0.00	.12	.02	.26	.64	22.51	1.65	2.17	.56	.00	45.33	81.23
221	20.09	0.00	20.09	0.00	0.00	6.12	1.54	0.00	.27	.05	.06	.39	8.52	.15	1.77	1.22	.00	7.94	11.15
222	65.89	8.68	56.48	.52	0.00	13.40	3.29	0.00	.64	.13	.11	4.97	28.37	.12	14.77	.09	.00	29.38	34.21
223	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
224	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225	6.96	6.96	0.00	0.00	0.00	5.03	1.25	0.00	.23	.05	.05	.04	.18	.06	.06	.01	.00	0.00	0.00
226	90.00	80.59	9.41	0.00	0.00	71.93	17.08	0.00	.54	.09	.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
227	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
229	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
231	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
232	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
233	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
236	81.00	0.00	81.00	0.00	0.00	59.31	14.05	0.00	3.12	.62	.39	.60	1.66	.35	.74	.14	.00	30.45	50.56
237	48.65	0.00	8.25	0.00	40.40	6.32	1.50	0.00	.33	.07	.04	0.00	0.00	0.00	0.00	0.00	0.00	3.03	5.23
238	51.94	34.38	5.06	0.00	12.50	29.91	8.05	0.00	.89	.18	.41	0.00	0.00	0.00	0.00	0.00	0.00	14.51	24.93
239	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	2.17	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
*326.3	*794.4	*278.2	*058.8	*67.75	*21.15	*03.03	0.00	954.36	182.21	796.73	*51.29	*81.82	*60.24	*32.24	835.04	13.34	*34.93	*69.16	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 1	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 2	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 3	0.	0.	11.	5.	11.	5.	11.	5.
INTERSECTION 4	0.	0.	7.	4.	7.	4.	7.	4.
INTERSECTION 5	5.	3.	5.	3.	5.	3.	5.	3.
INTERSECTION 6	0.	0.	38.	6.	83.	21.	114.	31.
INTERSECTION 7	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 8	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 9	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 10	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 11	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 12	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 13	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 14	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 15	0.	0.	111.	13.	343.	54.	91.	9.
INTERSECTION 16	5.	2.	4.	2.	0.	0.	4.	2.
INTERSECTION 17	5.	3.	5.	3.	5.	3.	0.	0.
INTERSECTION 18	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 19	0.	0.	0.	0.	1.	1.	2.	1.
INTERSECTION 20	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 21	0.	1.	0.	0.	1.	1.	1.	1.
INTERSECTION 22	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 23	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 24	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 25	2.	1.	1.	1.	0.	0.	1.	1.

INTERSECTION 26

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	15.		15.		-0.		15.	
V/GCAP	0.00000		0.00000		0.00000		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	10.	0.	10.	10.	0.	0.	10.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
CAPACITY(VEH)	720.	1.	720.	720.	1.	0.	720.	0.
V/GCAP	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

INTERSECTION 27

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	28.		32.		-0.		32.	
V/GCAP	.11708		0.00000		0.00000		.08933	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	11.	9.	7.	7.	11.	9.	-886.	8.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	-1.	0.
VOLUME(VEH)	148.	6.	0.	0.	0.	0.	0.	107.
CAPACITY(VEH)	556.	795.	1220.	1403.	0.	0.	0.	610.
V/GCAP	.11708	.00345	0.00000	0.00000	0.00000	0.00000	0.00000	.08933

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 28	1.	0.	1.	0.	1.	0.	0.	0.

INTERSECTION 29

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	29.		14.		23.		94.	
V/GCAP	.18702		.09201		.14740		.61032	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	382.	394.	459.	368.	394.	0.	368.	0.
QUEUE(VEH)	33.	13.	20.	137.	13.	0.	137.	0.
VOLUME(VEH)	471.	186.	265.	1669.	186.	0.	1669.	0.
CAPACITY(VEH)	431.	167.	229.	1585.	167.	0.	1585.	0.
V/GCAP	.18702	.14740	.09201	.61032	.14740	0.00000	.61032	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 30	0.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 31	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 32	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 33	1.	0.	0.	0.	1.	0.	1.	0.
INTERSECTION 34	0.	0.	3.	2.	3.	2.	3.	2.
INTERSECTION 35	1.	1.	1.	1.	1.	1.	1.	1.
INTERSECTION 36	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 37	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 38	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 39

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	55.		32.		32.		0.	
V/GCAP	.34197		.17365		.08599		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	31.	36.	44.	0.	36.	0.	0.	0.
QUEUE(VEH)	2.	0.	1.	0.	0.	0.	0.	0.
VOLUME(VEH)	985.	244.	438.	0.	244.	0.	0.	0.
CAPACITY(VEH)	1289.	730.	648.	1.	730.	0.	1.	0.
V/GCAP	.34197	.08599	.17365	0.00000	.08599	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 40	1.	0.	0.	0.	1.	0.	1.	0.

INTERSECTION 41

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	61.		32.		32.		0.	
V/GCAP	.16081		.02253		.06861		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	20.	2312.	36.	0.	2312.	0.	0.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	463.	120.	65.	0.	120.	0.	0.	0.
CAPACITY(VEH)	1374.	427.	701.	1.	427.	0.	1.	0.
V/GCAP	.16081	.06861	.02253	0.00000	.06861	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 42	1.	1.	0.	0.	1.	1.	1.	1.
INTERSECTION 43	0.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 44	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 45	0.	0.	2.	0.	5.	0.	2.	0.
INTERSECTION 46	0.	0	0.	0.	0.	0.	0.	0.
INTERSECTION 47	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 48	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 49	0.	0.	1.	0.	0.	0.	0.	0.

INTERSECTION	50	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	51	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	52	1.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	53	0.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION	54	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 78/ 7/26 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	11597.373	78.745	90.745	0.000	0.000	60.380	77.696	459.917
PARKNG	2	7326.909	44.127	56.127	0.000	0.000	66.709	61.192	274.817
PARKNG	3	27122.636	123.711	135.711	0.000	0.000	147.727	57.186	791.749
PARKNG	4	7238.444	67.981	79.981	0.000	0.000	74.235	19.139	435.076
PARKNG	5	5092.462	35.604	47.604	0.000	0.000	56.524	67.456	223.034
PARKNG	6	7644.635	45.558	57.558	0.000	0.000	103.776	36.686	291.574
PARKNG	7	2145.100	44.889	56.889	0.000	0.000	13.317	30.910	281.305
PARKNG	8	535.647	39.247	51.247	0.000	0.000	4.487	7.789	246.642
PARKNG	9	2631.576	56.079	70.079	0.000	0.000	18.657	28.655	335.582
PARKNG	10	211765.155	325.498	337.498	0.000	0.000	581.573	47.574	2083.188
PARKNG	11	1944.226	140.945	152.945	0.000	0.000	3.640	9.844	898.364
PARKNG	12	1496.282	93.405	105.405	0.000	0.000	2.048	13.708	590.679
PARKNG	13	97.700	29.363	41.363	0.000	0.000	.661	2.397	187.189
PARKNG	14	379.017	50.549	62.549	0.000	0.000	1.256	5.944	320.732
PARKNG	15	16016.138	121.616	133.616	0.000	0.000	74.560	49.776	751.982
PARKNG	16	55710.512	249.141	261.141	0.000	0.000	85.869	133.605	1588.280
PARKNG	17	3722.926	71.692	83.692	0.000	0.000	16.937	32.157	453.637
PARKNG	18	3026.861	38.953	50.953	0.000	0.000	56.064	4.370	249.299
PARKNG	19	4306.128	96.026	108.026	0.000	0.000	14.109	28.971	610.291

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB P.M. RUSH DESCRIPTIVE PERIOD FROM 1615. TO 1630. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	11.	11.	11.	2	11.	11.	11.	3	4.	4.	4.	4	15.	15.	15.	5	20.	20.	20.	6	15.	15.	15.
7	17.	17.	17.	8	15.	15.	15.	9	12.	12.	12.	10	121.	121.	121.	11	45.	45.	45.	12	7.	7.	7.
13	2.	2.	2.	14	2.	2.	2.	15	2.	2.	2.	16	2.	2.	2.	17	7.	7.	7.	18	7.	7.	7.
19	7.	7.	7.	20	6.	6.	6.	21	7.	7.	7.	22	7.	7.	7.	23	1.	1.	1.	24	84.	84.	84.
25	2.	2.	2.	26	2.	2.	2.	27	0.	0.	0.	28	5.	5.	5.	29	1.	1.	1.	30	1.	1.	1.
31	1.	1.	1.	32	1.	1.	1.	33	1.	1.	1.	34	1.	1.	1.	35	6.	6.	6.	36	1.	1.	1.
37	1.	1.	1.	38	8.	8.	8.	39	1.	1.	1.	40	12.	12.	12.	41	8.	8.	8.	42	3.	3.	3.
43	8.	8.	8.	44	9.	9.	9.	45	7.	7.	7.	46	3.	3.	3.	47	1.	1.	1.	48	1.	1.	1.
49	3.	3.	3.	50	7.	7.	7.	51	6.	6.	6.	52	93.	93.	93.	53	113.	113.	113.	54	2.	2.	2.
55	3.	3.	3.	56	3.	3.	3.	57	2.	2.	2.	58	2.	2.	2.	59	4.	4.	4.	60	4.	4.	4.
61	3.	3.	3.	62	3.	3.	3.	63	3.	3.	3.	64	4.	4.	4.	65	9.	9.	9.	66	9.	9.	9.
67	3.	3.	3.	68	3.	3.	3.	69	3.	3.	3.	70	3.	3.	3.	71	3.	3.	3.	72	3.	3.	3.
73	5.	5.	5.	74	347.	347.	347.	75	13.	13.	13.	76	3.	3.	3.	77	14.	14.	14.	78	4.	4.	4.
79	3.	3.	3.	80	3.	3.	3.	81	384.	384.	384.	82	8.	8.	8.	83	3.	3.	3.	84	2.	2.	2.
85	2.	2.	2.	86	9.	9.	10.	87	9.	9.	-884.	88	12.	12.	12.	89	12.	12.	12.	90	3.	3.	3.
91	3.	3.	3.	92	2.	2.	2.	93	2.	2.	2.	94	2.	2.	2.	95	2.	2.	2.	96	2.	2.	2.
97	2.	2.	2.	98	2.	2.	2.	99	3.	3.	3.	100	3.	3.	3.	101	3.	3.	3.	102	3.	3.	3.
103	2.	2.	2.	104	2.	2.	2.	105	2.	2.	2.	106	2.	2.	2.	107	2.	2.	2.	108	2.	2.	2.
109	3.	3.	3.	110	12.	12.	12.	111	3.	3.	3.	112	4.	4.	4.	113	8.	8.	8.	114	401.	401.	401.
115	8.	8.	8.	116	374.	374.	374.	117	5.	5.	5.	118	7.	7.	7.	119	4.	4.	4.	120	5.	5.	5.
121	2.	2.	2.	122	1.	1.	1.	123	3.	3.	3.	124	3.	3.	3.	125	3.	3.	3.	126	5.	5.	5.
127	4.	4.	4.	128	4.	4.	4.	129	7.	7.	7.	130	7.	7.	7.	131	3.	3.	3.	132	4.	4.	4.
133	2.	2.	2.	134	2.	2.	2.	135	3.	3.	3.	136	3.	3.	3.	137	1.	1.	1.	138	1.	1.	1.
139	12.	12.	12.	140	12.	12.	12.	141	35.	35.	35.	142	4.	4.	4.	143	47.	47.	47.	144	4.	4.	4.
145	4.	4.	4.	146	4.	4.	4.	147	39.	39.	39.	148	4.	4.	4.	149	23.	23.	23.	150	39.	39.	39.
151	8.	8.	8.	152	2320.	2320.	2320.	153	16.	16.	16.	154	15.	15.	15.	155	2.	2.	2.	156	2.	2.	2.
157	7.	7.	7.	158	7.	7.	7.	159	1.	1.	1.	160	3.	3.	3.	161	2.	2.	2.	162	2.	2.	2.
163	3.	3.	3.	164	3.	3.	3.	165	1.	1.	1.	166	1.	1.	1.	167	3.	3.	3.	168	3.	3.	3.
169	4.	4.	4.	170	4.	4.	4.	171	8.	8.	8.	172	8.	8.	8.	173	5.	5.	5.	174	4.	4.	4.
175	3.	3.	3.	176	2.	2.	2.	177	4.	4.	4.	178	6.	6.	6.	179	0.	0.	0.	180	5.	5.	5.
181	23.	23.	23.	182	22.	22.	22.	183	1.	1.	1.	184	1.	1.	1.	185	4.	4.	4.	186	3.	3.	3.
187	5.	5.	5.	188	5.	5.	5.	189	6.	6.	6.	190	6.	6.	6.	191	2.	2.	2.	192	2.	2.	2.
193	5.	5.	5.	194	4.	4.	4.	195	4.	4.	4.	196	4.	4.	4.	197	3.	3.	3.	198	3.	3.	3.
199	1.	1.	1.	200	2.	2.	2.	201	21.	21.	21.	202	21.	21.	21.	203	1.	1.	1.	204	1.	1.	1.
205	1.	1.	1.	206	1.	1.	1.	207	6.	6.	6.	208	1.	1.	1.	209	1.	1.	1.	210	1.	1.	1.
211	1.	1.	1.	212	1.	1.	1.	213	2.	2.	2.	214	2.	2.	2.	215	14.	14.	14.	216	15.	15.	15.
217	460.	460.	460.	218	2.	2.	2.	219	2.	2.	2.	220	1.	1.	1.	221	8.	8.	8.	222	8.	8.	8.
223	8.	8.	8.	224	8.	8.	8.	225	1.	1.	1.	226	1.	1.	1.	227	2.	2.	2.	228	2.	2.	2.
229	1.	1.	1.	230	1.	1.	1.	231	2.	2.	2.	232	2.	2.	2.	233	1.	1.	1.	234	1.	1.	1.
235	2.	2.	2.	236	3.	3.	3.	237	4.	4.	4.	238	4.	4.	4.	239	4.	4.	4.	240	4.	4.	4.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK 200.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES 103.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK 518.(VEH-MI)

TOTAL INTERSECTION DELAY ON NETWORK 178.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS 8209.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS 886.(M)
BOUNDS 64313.00 64810.00 391748.00 395283.68

```
AEOYBYM.   79/07/13. SRI KRONOS/NOS (O) FRIDAY

15.11.44.DJD5,CM200000,P30,T300.
15.11.44. PRIORITY 30B.
15.11.44. ---FOR COS INFO CALL EXT 5050.
15.11.44.ACCOUNT(WADJD,)
15.11.44.GET(LGOPLOT)
15.11.47.GET(TINKER)
15.11.47.LABEL(TAPE1,D=HI,MT,VSN=SLSR07,W)
15.16.06.MT20, ASSIGNED TO TAPE1   , VSN=SLSR07.
15.16.09.MAP.
15.16.09.GETLIB,SUBLIB.
15.16.09.NOEXIT.
15.16.09.GETLIB,CCTAPE.
15.16.10.LDSET,LIB=CCTAPE/SUBLIB.
15.16.10.LGOPLOT,TINKER.
15.16.15.      NON-FATAL LOADER ERRORS - SEE MAP
15.28.20.STOP
15.28.21.REPLACE(TAPE7=TAPE7)
15.28.21. TAPE7 NOT FOUND,  AT 000123.
15.28.21.RETURN(TAPE1)
15.28.21.UQIN,        0.002KPRS.
15.28.21.UQPR,        0.779KPRS.
15.28.21.UEPF,        0.273KUNS.
15.28.21.UEMT,        0.258KUNS.
15.28.21.UEMS,        6.680KUNS.
15.28.21.UECP,      166.985SECS.
15.28.21.AESR,       37.730UNTS.
15.28.21.UECM,       61.998KWRD.
15.28.21.AE$$,       50.048$$$$.
```

BATS MODEL

TINKER AFB

NOON PEAK

28 07 78

TABLE OF CONTENTS

A. INPUT DATA

1. INPUT LISTING

B. INITIALIZATION

1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

C. TRIP GENERATION

1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS (IPFLG(1)=1)

2. TRIP PRODUCTIONS (PERSONS) (IPFLG(1)=1)

3. TRIP ATTRACTIONS (PERSONS) (IPFLG(1)=1)

4. MATRIX ASSOCIATING ZONES WITH GATES(IPFLG(1)=1)

5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

D. TRIP DISTRIBUTION

1. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(2)>=1)

2. ORIGIN-DESTINATION ARRAY (IPFLG(2)=1)

3. ORIGIN-DESTINATION ARRAY FOR CIVILIAN VEHICLE TRIPS (IPFLG(2)=2)

4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (IPFLG(2)=4)

E. MODAL SPLIT

1. MODAL SPLIT VEHICLE LOAD FACTORS (IPFLG(3)=1)

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=1)

F. CALIBRATION

1. CALIBRATION FACTORS

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=2)

G. ASSIGNMENT

1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIME

(IPFLG(3)>=4)

2. VEHICLE COUNT, TYPE AND HOT/COLD STARTS (IPFLG(3)>0)

H. TRAFFIC FLOW ANALYSIS

1. LINK COUNTS (IPFLG(3)=0)

2. INTERSECTION DELAYS AND QUEUEING

3. PARKING LOT TRAVEL TIMES AND DELAYS

4. LINK TO LINK TRAVEL TIMES

I. SUMMARY

1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

POSSIBLE REPETITION OF A THROUGH I FOR EACH TIME PERIOD.

INTRODUCTION

THE U.S. AIR FORCE THROUGH A CONTRACTURAL ARRANGEMENT HAS DEVELOPED AN AIR BASE MOTOR VEHICLE MODEL THAT WILL SIMULATE A BASE TRAFFIC NETWORK USING AVAILABLE LAND USE, EMPLOYMENT, AND ENGINEERING DATA. THE MODEL WILL GRAPHICALLY REPRESENT AIR BASE MOTOR VEHICLE OPERATION ON VOLUME/FLOW MAPS, AND WILL OUTPUT A FILE OF TRAFFIC FLOWS FOR INPUT TO THE AQAM (AIR QUALITY ASSESSMENT) MODEL.1

A.1. INPUT LISTING: OF EACH DATA CARD - WITH MODIFICATIONS MADE BY SUBROUTINE INPT.

```
78/ 7/28        TINKER AFB            NOON PEAK PREDICTIVE
1 240  54  29  29   9   8  -0   1  -0  -0**7***00. 6.3600.  -0.  -0.314*1*0*112
2  1    2   643230.  3922310.  644410.  3922320.   -0  35.  211   -0   43  -0.  10.00000 640.03920.0
2  2    2   643230.  3922310.  644410.  3922320.   -0  35.    4   14  210  -0.  10.00000 640.03920.0
2  3    2   644410.  3922320.  644810.  3922290.   -0  35.    1  210   14  -0.  10.00000 640.03920.0
2  4    2   644410.  3922320.  644810.  3922290.   -0  35.    6   39   -0  -0.  10.00000 640.03920.0
2  5    2   644810.  3922290.  645590.  3922290.   -0  35.    3   -0   39  -0.  10.00000 640.03920.0
2  6    2   644810.  3922290.  645590.  3922290.   -0  35.    8   37   -0  -0.  10.00000 640.03920.0
2  7    2   645590.  3922290.  646530.  3922280.   -0  35.    5   -0   37  -0.  10.00000 640.03920.0
2  8    2   645590.  3922290.  646530.  3922280.   -0  35.   10   27  208  -0.  10.00000 640.03920.0
2  9    2   646530.  3922280.  647250.  3922280.   -0  35.    7  208   27  -0.  10.00000 640.03920.0
2 10    2   646530.  3922280.  647250.  3922280.   -0  35.   12   23   -0  -0.  10.00000 640.03920.0
2 11    2   647250.  3922280.  647990.  3922280.   -0  35.    9   -0   23  -0.  10.00000 640.03920.0
2 12    2   647250.  3922280.  647990.  3922280.   -0  35.  206   63  204  -0.  10.00000 640.03920.0
2 13    3   644410.  3922320.  644580.  3922210.   -0  55.  210    4    1  -0.  10.00000 640.03920.0
2 14    3   644410.  3922320.  644580.  3922210.   -0  55.   -0   -0   -0  -0.  10.00000 640.03920.0
2 15    3   644580.  3922210.  644810.  3922210.   -0  55.   13   -0   -0  -0.  10.00000 640.03920.0
2 16    3   644580.  3922210.  644810.  3922210.   -0  55.   18   41   40  -0.  10.00000 640.03920.0
2 17    3   644810.  3922210.  645590.  3922180.   -0  55.   15   40   41  -0.  10.00000 640.03920.0
2 18    3   644810.  3922210.  645590.  3922180.   -0  55.  224   35   38  -0.  10.00000 640.03920.0
2 19    3   646530.  3922250.  647250.  3922190.   -0  55.  223   28  225  -0.  10.00000 640.03920.0
2 20    3   646530.  3922250.  647250.  3922190.   -0  55.   22   25   24  -0.  10.00000 640.03920.0
2 21    3   647250.  3922190.  647990.  3921910.   -0  55.   19   24   25  -0.  10.00000 640.03920.0
2 22    3   647250.  3922190.  647990.  3921910.   -0  55.   -0   65   64  -0.  10.00000 640.03920.0
2 23    2   647250.  3922280.  647250.  3922190.   -0  25.   25   19   22  -0.  10.00000 640.03920.0
2 24    2   647250.  3922280.  647250.  3922190.   -0  25.   -0   12    9  -0.  10.00000 640.03920.0
2 25    2   647250.  3922190.  647250.  3922000.   -0  25.   61   59   -0  -0.  10.00000 640.03920.0
2 26    2   647250.  3922190.  647250.  3922000.   -0  25.   24   22   19  -0.  10.00000 640.03920.0
2 27    2   646530.  3922280.  646530.  3922250.   -0  25.  225  223   20  -0.  10.00000 640.03920.0
2 28    2   646530.  3922280.  646530.  3922250.   -0  25.  208   10    7  -0.  10.00000 640.03920.0
2 29    2   646530.  3922140.  646530.  3922050.   -0  25.   67   57   -0  -0.  10.00000 640.03920.0
2 30    2   646530.  3922140.  646530.  3922050.   -0  25.  226   60   -0  -0.  10.00000 640.03920.0
2 31    1   645950.  3922170.  645950.  3922060.   -0  25.   71   53   56  -0.  10.00000 640.03920.0
2 32    1   645950.  3922170.  645950.  3922060.   -0  25.   -0   -0   -0  -0.  10.00000 640.03920.0
2 33    1   645770.  3922170.  645770.  3922060.   -0  25.   73   51   54  -0.  10.00000 640.03920.0
2 34    1   645770.  3922170.  645770.  3922060.   -0  25.   -0   -0   -0  -0.  10.00000 640.03920.0
2 35    2   645590.  3922180.  645590.  3922060.   -0  25.   75   49   52  -0.  10.00000 640.03920.0
2 36    2   645590.  3922180.  645590.  3922060.   -0  25.   38  224   17  -0.  10.00000 640.03920.0
2 37    3   645590.  3922290.  645590.  3922180.   -0  25.   35   17  224  -0.  10.00000 640.03920.0
2 38    3   645590.  3922290.  645590.  3922180.   -0  25.   -0    8    5  -0.  10.00000 640.03920.0
2 39    3   644810.  3922290.  644810.  3922210.   -0  25.   41   15   18  -0.  10.00000 640.03920.0
2 40    3   644810.  3922290.  644810.  3922210.   -0  25.   -0    6    3  -0.  10.00000 640.03920.0
2 41    1   644810.  3922210.  644810.  3921980.   -0  25.   61   -0   46  -0.  10.00000 640.03920.0
2 42    1   644810.  3922210.  644810.  3921980.   -0  25.   40   18   15  -0.  10.00000 640.03920.0
2 43    1   643230.  3922310.  643220.  3921400.   -0  35.  201   -0   -0  -0.  10.00000 640.03920.0
2 44    1   643230.  3922310.  643220.  3921400.   -0  35.   -0    2  211  -0.  10.00000 640.03920.0
2 45    1   644810.  3921980.  644950.  3921980.   -0  25.   -0   42   61  -0.  10.00000 640.03920.0
2 46    1   644810.  3921980.  644950.  3921980.   -0  25.   48   79   -0  -0.  10.00000 640.03920.0
2 47    1   644950.  3921980.  645110.  3921980.   -0  25.   45   -0   79  -0.  10.00000 640.03920.0
2 48    1   644950.  3921980.  645110.  3921980.   -0  25.   -0   -0   -0  -0.  10.00000 640.03920.0
2 49    1   645330.  3922060.  645590.  3922060.   -0  25.  231   -0   77  -0.  10.00000 640.03920.0
2 50    2   645330.  3922060.  645590.  3922060.   -0  25.   52   75   36  -0.  10.00000 640.03920.0
2 51    2   645590.  3922060.  645770.  3922060.   -0  25.   49   36   75  -0.  10.00000 640.03920.0
2 52    2   645590.  3922060.  645770.  3922060.   -0  25.   54   73   34  -0.  10.00000 640.03920.0
2 53    2   645770.  3922060.  645950.  3922060.   -0  25.   51   34   73  -0.  10.00000 640.03920.0
2 54    2   645770.  3922060.  645950.  3922060.   -0  25.   56   71   32  -0.  10.00000 640.03920.0
2 55    2   645950.  3922060.  646340.  3922050.   -0  25.   53   32   71  -0.  10.00000 640.03920.0
2 56    2   645950.  3922060.  646340.  3922050.   -0  25.   58   69   -0  -0.  10.00000 640.03920.0
2 57    2   646340.  3922050.  646530.  3922050.   -0  25.   55   -0   69  -0.  10.00000 640.03920.0
```

2	58	2	646340.	3922050.	646530.	3922050.	-0	25.	-0	67	30	-0.	10.00000	640.03920.0
2	59	2	646530.	3922140.	647250.	3922000.	-0	40.	-0	226	29	-0.	10.00000	640.03920.0
2	60	2	646530.	3922140.	647250.	3922000.	-0	40.	-0	61	26	-0.	10.00000	640.03920.0
2	61	2	647250.	3922000.	647240.	3921440.	-0	40.	-0	-0	136	-0.	10.00000	640.03920.0
2	62	2	647250.	3922000.	647240.	3921440.	-0	40.	26	-0	59	-0.	10.00000	640.03920.0
2	63	2	647990.	3922280.	647990.	3921910.	-0	35.	65	21	-0	-0.	10.00000	640.03920.0
2	64	2	647990.	3922280.	647990.	3921910.	-0	35.	204	206	11	-0.	10.00000	640.03920.0
2	65	2	647990.	3921910.	647990.	3921020.	-0	35.	145	143	-0	-0.	10.00000	640.03920.0
2	66	2	647990.	3921910.	647990.	3921020.	-0	35.	64	-0	21	-0.	10.00000	640.03920.0
2	67	2	646530.	3922050.	646510.	3921730.	-0	25.	99	97	-0	-0.	10.00000	640.03920.0
2	68	2	646530.	3922050.	646510.	3921730.	-0	25.	30	-0	57	-0.	10.00000	640.03920.0
2	69	1	646340.	3922050.	646340.	3921730.	-0	25.	-0	95	98	-0.	10.00000	640.03920.0
2	70	1	646340.	3922050.	646340.	3921730.	-0	25.	-0	58	55	-0.	10.00000	640.03920.0
2	71	2	645950.	3922060.	645950.	3921730.	-0	25.	107	91	94	-0.	10.00000	640.03920.0
2	72	2	645950.	3922060.	645950.	3921730.	-0	25.	32	56	53	-0.	10.00000	640.03920.0
2	73	1	645770.	3922060.	645770.	3921730.	-0	25.	-0	89	92	-0.	10.00000	640.03920.0
2	74	1	645770.	3922060.	645770.	3921730.	-0	25.	34	54	51	-0.	10.00000	640.03920.0
2	75	2	645590.	3922060.	645590.	3921730.	-0	25.	-0	87	90	-0.	10.00000	640.03920.0
2	76	2	645590.	3922060.	645590.	3921730.	-0	25.	36	52	49	-0.	10.00000	640.03920.0
2	77	1	645330.	3922060.	645330.	3921730.	-0	25.	109	85	88	-0.	10.00000	640.03920.0
2	78	1	645330.	3922060.	645330.	3921730.	-0	25.	-0	50	231	-0.	10.00000	640.03920.0
2	79	1	644950.	3921980.	644950.	3921760.	-0	25.	219	217	-0	-0.	10.00000	640.03920.0
2	80	1	644950.	3921980.	644950.	3921760.	-0	25.	-0	48	45	-0.	10.00000	640.03920.0
2	81	2	644810.	3921980.	644810.	3921740.	-0	30.	113	115	218	-0.	10.00000	640.03920.0
2	82	2	644810.	3921980.	644810.	3921740.	-0	30.	42	46	-0	-0.	10.00000	640.03920.0
2	83	2	644950.	3921760.	645110.	3921730.	-0	25.	217	80	219	-0.	10.00000	640.03920.0
2	84	2	644950.	3921720.	645110.	3921730.	-0	25.	86	111	228	-0.	10.00000	640.03920.0
2	85	2	645110.	3921730.	645330.	3921730.	-0	25.	83	-0	111	-0.	10.00000	640.03920.0
2	86	2	645110.	3921730.	645330.	3921730.	-0	25.	88	109	78	-0.	10.00000	640.03920.0
2	87	2	645330.	3921730.	645590.	3921730.	-0	25.	85	78	109	-0.	10.00000	640.03920.0
2	88	2	645330.	3921730.	645590.	3921730.	-0	25.	90	-0	76	-0.	10.00000	640.03920.0
2	89	2	645590.	3921730.	645770.	3921730.	-0	25.	87	76	-0	-0.	10.00000	640.03920.0
2	90	2	645590.	3921730.	645770.	3921730.	-0	25.	92	-0	74	-0.	10.00000	640.03920.0
2	91	2	645770.	3921730.	645950.	3921730.	-0	25.	89	74	-0	-0.	10.00000	640.03920.0
2	92	2	645770.	3921730.	645950.	3921730.	-0	25.	94	107	72	-0.	10.00000	640.03920.0
2	93	2	645950.	3921730.	646150.	3921730.	-0	25.	91	72	107	-0.	10.00000	640.03920.0
2	94	2	645950.	3921730.	646150.	3921730.	-0	25.	96	103	-0	-0.	10.00000	640.03920.0
2	95	2	646150.	3921730.	646340.	3921730.	-0	25.	93	-0	103	-0.	10.00000	640.03920.0
2	96	2	646150.	3921730.	646340.	3921730.	-0	25.	98	-0	70	-0.	10.00000	640.03920.0
2	97	2	646340.	3921730.	646510.	3921730.	-0	25.	95	70	-0	-0.	10.00000	640.03920.0
2	98	2	646340.	3921730.	646510.	3921730.	-0	25.	-0	99	68	-0.	10.00000	640.03920.0
2	99	1	646510.	3921730.	646510.	3921430.	-0	25.	233	101	-0	-0.	10.00000	640.03920.0
2100		1	646510.	3921730.	646510.	3921430.	-0	25.	68	-0	97	-0.	10.00000	640.03920.0
2101		2	646150.	3921510.	646510.	3921500.	-0	25.	105	104	-0	-0.	10.00000	640.03920.0
2102		2	646150.	3921510.	646510.	3921500.	-0	25.	-0	233	100	-0.	10.00000	640.03920.0
2103		2	646150.	3921730.	646150.	3921510.	-0	25.	-0	105	102	-0.	10.00000	640.03920.0
2104		2	646150.	3921730.	646150.	3921510.	-0	25.	-0	96	93	-0.	10.00000	640.03920.0
2105		2	645950.	3921510.	646150.	3921510.	-0	25.	-0	108	-0	-0.	10.00000	640.03920.0
2106		2	645950.	3921510.	646150.	3921510.	-0	25.	102	-0	104	-0.	10.00000	640.03920.0
2107		2	645950.	3921730.	645950.	3921510.	-0	25.	-0	-0	106	-0.	10.00000	640.03920.0
2108		2	645950.	3921730.	645950.	3921510.	-0	25.	72	94	91	-0.	10.00000	640.03920.0
2109		1	645330.	3921730.	645330.	3921390.	-0	25.	-0	133	-0	-0.	10.00000	640.03920.0
2110		1	645330.	3921730.	645330.	3921390.	-0	25.	78	88	85	-0.	10.00000	640.03920.0
2111		1	645110.	3921730.	645110.	3921390.	-0	25.	-0	-0	134	-0.	10.00000	640.03920.0
2112		1	645110.	3921730.	645110.	3921390.	-0	25.	-0	86	83	-0.	10.00000	640.03920.0
2113		1	644810.	3921740.	644930.	3920860.	-0	30.	197	199	-0	-0.	10.00000	640.03920.0
2114		1	644810.	3921740.	644930.	3920860.	-0	30.	82	218	115	-0.	10.00000	640.03920.0
2115		2	644060.	3921520.	644810.	3921740.	-0	35.	117	-0	125	-0.	10.00000	640.03920.0
2116		2	644060.	3921520.	644810.	3921740.	-0	35.	218	113	82	-0.	10.00000	640.03920.0
2117		2	643670.	3921400.	644060.	3921520.	-0	25.	119	122	123	-0.	10.00000	640.03920.0
2118		2	643670.	3921400.	644060.	3921520.	-0	25.	116	125	-0	-0.	10.00000	640.03920.0

2119	2	643220.	3921400.	643670.	3921400.	-0	25.	-0	-0	235	-0.	10.00000	640.03920.0
2120	2	643220.	3921400.	643670.	3921400.	-0	25.	118	123	122	-0.	10.00000	640.03920.0
2121	1	643670.	3921550.	643670.	3921400.	-0	25.	123	119	118	-0.	10.00000	640.03920.0
2122	1	643670.	3921550.	643670.	3921400.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2123	1	643670.	3921400.	643670.	3921130.	-0	25.	129	237	126	-0.	10.00000	640.03920.0
2124	1	643670.	3921400.	643670.	3921130.	-0	25.	122	118	119	-0.	10.00000	640.03920.0
2125	1	644060.	3921520.	644030.	3921240.	-0	25.	-0	127	131	-0.	10.00000	640.03920.0
2126	1	644060.	3921520.	644030.	3921240.	-0	25.	-0	116	117	-0.	10.00000	640.03920.0
2127	1	643670.	3921130.	644030.	3921240.	-0	25.	237	124	129	-0.	10.00000	640.03920.0
2128	1	643670.	3921130.	644030.	3921240.	-0	25.	-0	131	126	-0.	10.00000	640.03920.0
2129	1	643670.	3921130.	643640.	3920540.	-0	20.	-0	-0	-0	-0.	10.00000	640.03920.0
2130	1	643670.	3921130.	643640.	3920540.	-0	20.	124	128	237	-0.	10.00000	640.03920.0
2131	1	644030.	3921240.	644230.	3921090.	-0	20.	239	-0	-0	-0.	10.00000	640.03920.0
2132	1	644030.	3921240.	644230.	3921090.	-0	20.	-0	126	127	-0.	10.00000	640.03920.0
2133	1	645110.	3921390.	645330.	3921390.	-0	25.	-0	112	-0	-0.	10.00000	640.03920.0
2134	1	645110.	3921390.	645330.	3921390.	-0	25.	-0	-0	110	-0.	10.00000	640.03920.0
2135	2	647240.	3921440.	647540.	3921440.	-0	25.	-0	62	-0	-0.	10.00000	640.03920.0
2136	2	647240.	3921440.	647540.	3921440.	-0	25.	138	139	-0	-0.	10.00000	640.03920.0
2137	2	647540.	3921440.	647670.	3921440.	-0	25.	135	-0	139	-0.	10.00000	640.03920.0
2138	2	647540.	3921440.	647670.	3921440.	-0	25.	-0	141	-0	-0.	10.00000	640.03920.0
2139	1	647540.	3921440.	647540.	3920630.	-0	15.	-0	-0	-0	-0.	10.00000	640.03920.0
2140	1	647540.	3921440.	647540.	3920630.	-0	15.	-0	138	135	-0.	10.00000	640.03920.0
2141	2	647670.	3921440.	647670.	3921020.	-0	25.	149	-0	144	-0.	10.00000	640.03920.0
2142	2	647670.	3921440.	647670.	3921020.	-0	25.	-0	-0	137	-0.	10.00000	640.03920.0
2143	2	647670.	3921020.	647990.	3921020.	-0	25.	-0	142	149	-0.	10.00000	640.03920.0
2144	2	647670.	3921020.	647990.	3921020.	-0	25.	-0	145	66	-0.	10.00000	640.03920.0
2145	2	647990.	3921020.	647980.	3920670.	-0	35.	153	147	-0	-0.	10.00000	640.03920.0
2146	2	647990.	3921020.	647980.	3920670.	-0	35.	66	-0	143	-0.	10.00000	640.03920.0
2147	2	647670.	3920660.	647980.	3920670.	-0	25.	-0	150	151	-0.	10.00000	640.03920.0
2148	2	647670.	3920660.	647980.	3920670.	-0	25.	-0	153	146	-0.	10.00000	640.03920.0
2149	2	647670.	3921020.	647670.	3920660.	-0	25.	151	-0	148	-0.	10.00000	640.03920.0
2150	2	647670.	3921020.	647670.	3920660.	-0	25.	142	144	-0	-0.	10.00000	640.03920.0
2151	1	647670.	3920660.	647670.	3919810.	-0	25.	-0	-0	156	-0.	10.00000	640.03910.0
2152	1	647670.	3920660.	647670.	3919810.	-0	25.	150	148	-0	-0.	10.00000	640.03910.0
2153	2	647980.	3920670.	647980.	3919060.	-0	35.	215	161	-0	-0.	10.00000	640.03910.0
2154	2	647980.	3920670.	647980.	3919060.	-0	35.	146	-0	147	-0.	10.00000	640.03910.0
2155	1	647670.	3919810.	647890.	3919810.	-0	25.	-0	152	-0	-0.	10.00000	640.03910.0
2156	1	647670.	3919810.	647890.	3919810.	-0	25.	-0	157	-0	-0.	10.00000	640.03910.0
2157	1	647890.	3919810.	647890.	3919060.	-0	25.	221	159	162	-0.	10.00000	640.03910.0
2158	1	647890.	3919810.	647890.	3919060.	-0	25.	-0	-0	155	-0.	10.00000	640.03910.0
2159	1	647740.	3919060.	647890.	3919060.	-0	25.	-0	163	-0	-0.	10.00000	640.03910.0
2160	1	647740.	3919060.	647890.	3919060.	-0	25.	162	221	158	-0.	10.00000	640.03910.0
2161	1	647890.	3919060.	647980.	3919060.	-0	25.	159	158	221	-0.	10.00000	640.03910.0
2162	1	647890.	3919060.	647980.	3919060.	-0	25.	-0	215	154	-0.	10.00000	640.03910.0
2163	1	647510.	3919270.	647740.	3919060.	-0	25.	-0	-0	-0	-0.	10.00000	640.03910.0
2164	1	647510.	3919270.	647740.	3919060.	-0	25.	-0	-0	160	-0.	10.00000	640.03910.0
2165	1	647300.	3918270.	647540.	3918280.	-0	40.	-0	-0	167	-0.	10.00000	640.03910.0
2166	1	647300.	3918270.	647540.	3918280.	-0	40.	-0	-0	222	-0.	10.00000	640.03910.0
2167	1	647300.	3918270.	647290.	3917770.	-0	40.	-0	169	-0	-0.	10.00000	640.03910.0
2168	1	647300.	3918270.	647290.	3917770.	-0	40.	-0	166	-0	-0.	10.00000	640.03910.0
2169	1	646630.	3917780.	647290.	3917770.	-0	40.	-0	172	-0	-0.	10.00000	640.03910.0
2170	1	646630.	3917780.	647290.	3917770.	-0	40.	-0	-0	168	-0.	10.00000	640.03910.0
2171	1	646630.	3919110.	646630.	3917780.	-0	40.	-0	-0	170	-0.	10.00000	640.03910.0
2172	1	646630.	3919110.	646630.	3917780.	-0	40.	-0	-0	173	-0.	10.00000	640.03910.0
2173	1	645900.	3919110.	646630.	3919110.	-0	40.	175	190	-0	-0.	10.00000	640.03910.0
2174	1	645900.	3919110.	646630.	3919110.	-0	40.	-0	171	-0	-0.	10.00000	640.03910.0
2175	1	645680.	3919110.	645900.	3919110.	-0	40.	177	-0	179	-0.	10.00000	640.03910.0
2176	1	645680.	3919110.	645900.	3919110.	-0	40.	174	-0	190	-0.	10.00000	640.03910.0
2177	1	645000.	3919110.	645680.	3919110.	-0	40.	-0	183	-0	-0.	10.00000	640.03910.0
2178	1	645000.	3919110.	645680.	3919110.	-0	40.	176	179	-0	-0.	10.00000	640.03910.0
2179	1	645680.	3919110.	645680.	3919080.	-0	25.	-0	181	-0	-0.	10.00000	640.03910.0

2180	1	645680.	3919110.	645680.	3919080.	-0	25.	-0	176	177	-0.	10.00000	640.03910.0
2181	1	643200.	3919090.	645680.	3919080.	-0	35.	-0	202	213	-0.	10.00000	640.03910.0
2182	1	643200.	3919090.	645680.	3919080.	-0	35.	-0	-0	180	-0.	10.00000	640.03910.0
2183	1	644840.	3919270.	645000.	3919110.	-0	40.	-0	186	-0	-0.	10.00000	640.03910.0
2184	1	644840.	3919270.	645000.	3919110.	-0	40.	-0	-0	178	-0.	10.00000	640.03910.0
2185	1	644860.	3919880.	644840.	3919270.	-0	40.	-0	-0	184	-0.	10.00000	640.03910.0
2186	1	644860.	3919880.	644840.	3919270.	-0	40.	196	188	-0	-0.	10.00000	640.03910.0
2187	1	644860.	3919880.	645370.	3919830.	-0	25.	-0	196	185	-0.	10.00000	640.03910.0
2188	1	644860.	3919880.	645370.	3919830.	-0	25.	-0	189	192	-0.	10.00000	640.03910.0
2189	1	645370.	3919830.	645900.	3919110.	-0	35.	-0	175	174	-0.	10.00000	640.03910.0
2190	1	645370.	3919830.	645900.	3919110.	-0	35.	192	-0	187	-0.	10.00000	640.03910.0
2191	1	645380.	3920100.	645370.	3919830.	-0	35.	189	187	-0	-0.	10.00000	640.03910.0
2192	1	645380.	3920100.	645370.	3919830.	-0	35.	-0	-0	193	-0.	10.00000	640.03910.0
2193	1	644910.	3920550.	645380.	3920100.	-0	35.	-0	198	195	-0.	10.00000	640.03920.0
2194	1	644910.	3920550.	645380.	3920100.	-0	35.	-0	191	-0	-0.	10.00000	640.03920.0
2195	1	644910.	3920550.	644860.	3919880.	-0	40.	185	-0	188	-0.	10.00000	640.03910.0
2196	1	644910.	3920550.	644860.	3919880.	-0	40.	198	194	-0	-0.	10.00000	640.03910.0
2197	1	644930.	3920860.	644910.	3920550.	-0	25.	195	-0	194	-0.	10.00000	640.03920.0
2198	1	644930.	3920860.	644910.	3920550.	-0	25.	114	-0	199	-0.	10.00000	640.03920.0
2199	1	644930.	3920860.	644790.	3920860.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2200	1	644930.	3920860.	644790.	3920860.	-0	25.	-0	197	114	-0.	10.00000	640.03920.0
2201	1	643220.	3921400.	643200.	3919090.	-0	35.	213	-0	182	-0.	10.00000	640.03910.0
2202	1	643220.	3921400.	643200.	3919090.	-0	35.	44	-0	-0	-0.	10.00000	640.03910.0
2203	1	647990.	3922280.	647990.	3922360.	-0	35.	63	11	206	-0.	10.00000	640.03920.0
2204	1	647990.	3922280.	647990.	3922360.	-0	35.	-0	-0	-0	-0.	10.00000	640.03920.0
2205	2	647990.	3922280.	648100.	3922280.	-0	25.	11	204	63	-0.	10.00000	640.03920.0
2206	2	647990.	3922280.	648100.	3922280.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2207	1	646530.	3922280.	646530.	3922360.	-0	25.	27	7	10	-0.	10.00000	640.03920.0
2208	1	646530.	3922280.	646530.	3922360.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2209	3	644410.	3922320.	644320.	3922360.	-0	55.	14	1	4	-0.	10.00000	640.03920.0
2210	3	644410.	3922320.	644320.	3922360.	-0	55.	-0	-0	-0	-0.	10.00000	640.03920.0
2211	2	643230.	3922310.	643130.	3922310.	-0	35.	-0	-0	-0	-0.	10.00000	640.03920.0
2212	2	643230.	3922310.	643130.	3922310.	-0	35.	2	43	-0	-0.	10.00000	640.03920.0
2213	1	643200.	3919090.	643200.	3918900.	-0	25.	-0	-0	-0	-0.	10.00000	640.03910.0
2214	1	643200.	3919090.	643200.	3918900.	-0	25.	202	182	-0	-0.	10.00000	640.03910.0
2215	1	647980.	3919060.	647980.	3917480.	-0	35.	-0	-0	-0	-0.	10.00000	640.03910.0
2216	1	647980.	3919060.	647980.	3917480.	-0	35.	154	-0	161	-0.	10.00000	640.03910.0
2217	2	644810.	3921740.	644950.	3921760.	-0	25.	115	82	113	-0.	10.00000	640.03920.0
2218	2	644810.	3921740.	644950.	3921720.	-0	25.	84	-0	220	-0.	10.00000	640.03920.0
2219	1	644950.	3921760.	644950.	3921720.	-0	25.	-0	-0	84	-0.	10.00000	640.03920.0
2220	1	644950.	3921760.	644950.	3921720.	-0	25.	80	-0	217	-0.	10.00000	640.03920.0
2221	1	647890.	3919060.	647540.	3918280.	-0	25.	-0	165	-0	-0.	10.00000	640.03910.0
2222	1	647890.	3919060.	647540.	3918280.	-0	25.	158	162	159	-0.	10.00000	640.03910.0
2223	3	645590.	3922180.	646530.	3922250.	-0	55.	17	38	35	-0.	10.00000	640.03920.0
2224	3	645590.	3922180.	646530.	3922250.	-0	55.	20	225	28	-0.	10.00000	640.03920.0
2225	2	646530.	3922250.	646530.	3922140.	-0	25.	29	-0	608	-0.	10.00000	640.03920.0
2226	2	646530.	3922250.	646530.	3922140.	-0	25.	28	20	223	-0.	10.00000	640.03920.0
2227	1	645110.	3921730.	645110.	3921980.	-0	25.	111	83	86	-0.	10.00000	640.03920.0
2228	1	645110.	3921730.	645110.	3921980.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2229	1	645110.	3921980.	645110.	3922060.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2230	1	645110.	3921980.	645110.	3922060.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2231	1	645110.	3922060.	645330.	3922060.	-0	25.	-0	-0	229	-0.	10.00000	640.03920.0
2232	1	645110.	3922060.	645330.	3922060.	-0	25.	50	77	-0	-0.	10.00000	640.03920.0
2233	1	646510.	3921500.	646510.	3921430.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2234	1	646510.	3921500.	646510.	3921430.	-0	25.	100	-0	101	-0.	10.00000	640.03920.0
2235	1	643200.	3921400.	643200.	3921130.	-0	35.	-0	-0	238	-0.	10.00000	640.03920.0
2236	1	643200.	3921400.	643200.	3921130.	-0	35.	-0	120	-0	-0.	10.00000	640.03920.0
2237	1	643200.	3921130.	643670.	3921130.	-0	25.	-0	236	-0	-0.	10.00000	640.03920.0
2238	1	643200.	3921130.	643670.	3921130.	-0	25.	128	129	124	-0.	10.00000	640.03920.0
2239	1	644230.	3921090.	644400.	3920700.	-0	25.	-0	-0	-0	-0.	10.00000	640.03920.0
2240	1	644230.	3921090.	644400.	3920700.	-0	25.	132	-0	-0	-0.	10.00000	640.03920.0

```
3  1   -0    1   44  212   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  2   -0    3   -0    2   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  3   -0    5   40    4   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  4   -0    7   38    6   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  5  207    9   28    8   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  6   -0   11   24   10   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  7  203  205   64   12   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  8   -0   17   -0   16   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  9   -0  223   -0   18   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 10   -0   21   -0   20   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 11   63   -0   66   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 12   25   -0   62   60   -0   -0 -0. -0. -0. -0. -0. -0.3600.  -0.3600.  -0.
3 13   29   -0   68   58   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 14   31   55   72   54   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 15   33   53   74   52   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 16   35   51   76   50   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 17   41   45   82   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 18   43   -0  202   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 19   -0   47   80   46   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 20   -0   57   70   56   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 21   65   -0  146  144   -0   -0 -0. -0. -0. -0. -0. -0.3600.  -0.3600.  -0.
3 22   67   -0  100   98   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 23   69   97   -0   96   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 24   71   93  108   92   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 25   73   91   -0   90   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 26   75   89   -0   88    3  150 15. 15. -0. 15.  3.  -0.  -0.  -0.  -0.
3 27   77   87  110   86    1   60 28. 32. -0. 32.  3.  -0.  -0.  -0.  -0.
3 28   79   83  220   -0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 29   81  217  114  116    3  160  7.  7.  7.  7.  3.  -0.  -0.  -0.  -0.
3 30  227   85  112   84   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 31   -0   95  104   94   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 32  103  101   -0  106   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 33  113   -0  198  200   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 34   -0  115  126  118   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 35  121  117  124  120   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 36  123  127  130   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 37  125  132   -0  128   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 38   -0  137  140  136   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 39  141  143  150   -0    3  128 32. 32. 32. 32.  3.  -0.  -0.  -0.  -0.
3 40  145   -0  154  148   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 41  149  147  152   -0    3  128 32. 32. 32. 32.  3.  -0.  -0.  -0.  -0.
3 42  153   -0  216  162   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 43  157  161  222  160   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 44  169  173   -0  176   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 45   -0  175  180  178   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 46  201  181  214   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 47  195  187  186   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 48  191   -0  190  188   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 49  197  193  198   -0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 50   27   19  226  224   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 51  225   59   30   -0   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 52  219   -0   -0  218   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 53   -0   49   78  232   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 54   99   -0  234  102   -0   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
4N080.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 213 214 215 216  -0  -0  -0  -0  -0  -0  -0  -0
4OK80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4BE80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4DC80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 211 212 209 210  -0  -0  -0  -0  -0  -0  -0  -0
4ED80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 6 207 208 203 204  39  40  -0  -0  -0  -0  -0  -0
4ER80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4MC80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 6 207 208 203 204  39  40  -0  -0  -0  -0  -0  -0
```

```
4MO80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 213 214 215 216  -0  -0  -0  -0  -0  -0  -0  -0
4SH80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 205 206 215 216  -0  -0  -0  -0  -0  -0  -0  -0
4TV80.19.-0. 1. 0. 0.17.47.10.21. 4. 0.-0. 4 209 210 211 212  -0  -0  -0  -0  -0  -0  -0  -0
4 176.18.-0. 4. 1. 1.-0.-0.33.67.-0.-0.10. 9 -43 120-118-116 -82 -42 -15 -13  -1 121 122 119
4 276.18.-0. 4. 1. 1.45.45.10.-0.-0.-0.-0. 3-202 238 129-201 237 130  -0  -0  -0  -0  -0  -0
4 376.18.-0. 4. 1. 1.17.47.10.21. 4. 0.-0. 4 236 120-123 237 235 119-124 238  -0  -0  -0  -0
4 476.18.-0. 4. 1. 1.17.47.10.21. 4. 0.-0. 7 240 132 127 124 118-116-113 125 126 123 117 131
4 576.18 -0. 4. 1. 1.17.47.10.21. 4. 0.-0. 4 130 128 131 239 129 127 132 240  -0  -0  -0  -0
4 676.18 -0. 4. 1. 1.25.25.50.-0.-0.-0.-0. 5 -17 -41 -81-218 -64  47  46  79  80  -0  -0  -0
4 773.24 -0. 4. 1. 2.22.23.28.23. 4.-0.-0. 5 -18 -35  75  87  85  77  78  49  50  86  88  76
4 873.24.-0. 4. 1. 2.-0.33. 9.33.25.-0.-0. 4-114 218  84 111 112  -0  -0  -0  -0  -0  -0  -0
4 976.18 -0. 4. 1. 1.34.-0.66.-0.-0.-0.-0. 4 112 133 109  86 134 110  85 111  -0  -0  -0  -0
41082.18.-0.-0.-0.-0.-0.88. 8. 4.-0.-0. 4. 5 110  88  90  92 107 109  87  89  91 108  -0  -0
41173.24 -0.-0.-0. 2. 6.30.24.34. 4. 2.-0. 6 -36  76  89  91  71  31  51  52  53  54  73  74
41273.24.-0.-0.-0. 2. 8.25.67.-0.-0.-0.-0. 8  32  72  93  95  97  67  29  57  69  70  55  56
41373.24.-0.-0.-0. 2. 9.82. 9.-0.-0.-0.-0. 4  68  30  60 -61  67  29  59  -0  -0  -0  -0  -0
41482.18.-0.-0.-0. 2. 8.50. 8.34.-0.-0.-0. 7 -94 -96 -98  99 101 105 108 103 104 101 102 100
41573.24.-0.-0.-0. 2.10.65. 7.16. 2.-0. 4. 3 100 102 106 105 101  99  -0  -0  -0  -0  -0  -0
41673.24.-0.-0.-0. 2.39.46. 7. 8.-0.-0. 1. 7 136-138 141-143-145-153-155 151 152 149 150 139
41773.24.-0.-0.-0. 2. 1.74.-0.14.11.-0. 4. 5-187-191-194 198 199 197 195 196 193 200  -0  -0
41873.24.-0.-0.-0. 2. 7.64.-0.29.-0.-0.-0. 7 173 175-177-183 186-188 189 174 176 185 190  -0
41973.24.-0.-0.-0. 2.27.31. 1.40. 1.-0.-0. 4 156 157 159 163 164 158  -0  -0  -0  -0  -0  -0
5NO51640.1704.      -0.      -0.     672.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5OK51100 1873.      -0.      -0.    6535.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5BE51127.1776.      -0.      -0.     154.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5DC5 324. 295.      -0.      -0.     665.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5ED51296.1374.      -0.      -0.     224.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5ER52369.2547.      -0.      -0.      33.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5MC5 421. 247.      -0.      -0.    3966.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5MO5 890.1055.      -0.      -0.     813.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5SH51771.1749.      -0.      -0.    1093.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5TV51472.1357.      -0.      -0.     142.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 141208.  -0.      60.      59.      -0.     798.      80.      -0.      -0.      28.  -0.    1375.
5 21 303.  -0.      -0.       2.     266.      -0.      -0.      -0.      -0.      -0.  -0.     230.
5 341048.  -0.     130.     130.       9.      -0.      -0.      -0.     227.      34.  -0.    8149.
5 44 500.  -0.      50.     100.      21.     189.      60.      -0.      -0.      -0.  -0.     230.
5 51 290.  -0.      -0.       2.     245.      -0.      -0.      -0.      -0.      -0.  -0.     230.
5 63 499.  -0.      -0.      51.      -0.      -0.      -0.      -0.      -0.      -0.  -0.     397.
5 72 475.  -0.      93.    1133.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   67125.
5 86 425.  -0.      -0.       5.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   16975.
5 93 307.  -0.      -0.     215.      -0.      -0.      -0.     215.      -0.      -0.  -0.     230.
51062086.  -0.    1153.     489.      -0.      -0.      -0.      -0.      -0.       3.  -0.   13298.
5112 855.  -0.       5.     716.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   18894.
5122 551.  -0.       8.    1246.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    4976.
5132 250.  -0.       4.      90.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    3774.
5142 307.  -0.      51.     579.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    4974.
5157 772.  -0.     848.     963.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   25205.
51676880.  -0.     251.    9740.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   40697.
5172 757.  -0.     918.     126.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   75094.
5182 428.  -0.      19.     320.      -0.      -0.      -0.      -0.      -0.      -0.  -0.    3304.
51921202.  -0.      77.    1202.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   72352.
6WORK-HOME  .50 .50= 1  .0100  .0200= 2  .0100  .0200= 3  .0200  .0100= 4  .0200  .0100
6HOME       .50 .501 3  .2000  .2000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6INDUSTRIAL .50 .502-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6SHOPPING   .10 .103 6 2.5000 2.5000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6SERVICE    .10 .104 5 2.0000 2.00004 7  .0100  .01004 8 1.0000 1.0000=-0-0.0000-0.0000
6EXTERIOR   .50 .505 3  .1000  .1000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6ADMINISTER .50 .506-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6FLT LINE   .50 .507-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6MILITARY   .50 .50010  .0010  .0010=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
7  1   42   41 350. 325.  88.  87.  87.  88. 131. 131. 131. 132.
```

```
7  2   36   35 320. 380.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
7  3  226  225 100. 100.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
7  4   26   25 156. 156.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
7  5  144  143  68.  68.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
7  6  148  147  76.  76.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
7  7  162  161  79.  79.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
7  8  179  180   6.   9.  -0.  -0.  -0.  -0.  -0.  -0.  -0.  -0.
9 1.40 1.20 1.00 1.00 1.00 1.00 1.40 1.50 1.50 1.00 1.00 1.0010.001100.
14   60.   23.   34.   43.   81.   24.   31.
14   23.   17.   15.   49.  156.   26.   47.
14   34.   15.   69.  103.  292.   36.   40.
14   43.   49.   81.  162.  123.   63.   81.
14   81.  156.  118.  123.   -0.  185.  142.
14   24.   26.   36.   63.  185.   20.   20.
14   31.   47.   40.   81.  142.   20.   20.
T1=   3.875     T2=  11.214     T2-T1=   7.339
```

B. INITIALIZATION TINKER AFB

NOON PEAK PREDICTIVE

B.1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

ZONE	CAPACITY	LENGTH	TRAVEL TIME	ALTERNATE TRAVEL TIME
NO	-0.	1581.	1640.	1704.
OK	-0.	111.	1100.	1873.
BE	-0.	111.	1127.	1776.
DC	-0.	103.	324.	295.
ED	-0.	96.	1296.	1374.
ER	-0.	124.	2369.	2547.
MC	-0.	85.	421.	247.
MO	-0.	1581.	890.	1055.
SH	-0.	1581.	1771.	1749.
TV	-0.	115.	1472.	1357.
1	1208.	1214.	190.	190.
2	303.	2314.	362.	362.
3	1048.	544.	85.	85.
4	500.	907.	142.	142.
5	290.	607.	95.	95.
6	499.	802.	125.	125.
7	475.	801.	125.	125.
8	425.	904.	141.	141.
9	307.	370.	58.	58.
10	2086.	545.	85.	85.
11	855.	417.	65.	65.
12	551.	386.	60.	60.
13	250.	745.	116.	116.
14	307.	389.	61.	61.
15	772.	432.	67.	67.
16	6880.	1753.	274.	274.
17	757.	690.	108.	108.
18	428.	910.	142.	142.
19	1202.	804.	126.	126.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1260. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	21.	0.	47.	24.	118.	0.	0.
INDS	8.	21.	21.	27.	228.	31.	48.
SHOP	12.	0.	94.	57.	426.	0.	0.
SERV	15.	0.	111.	89.	180.	0.	0.
EXTN	28.	378.	162.	68.	0.	449.	344.
ADMN	8.	33.	49.	35.	270.	24.	21.
FLTL	11.	57.	55.	45.	207.	23.	20.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1300. HOURS

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	13	1	18	8	3	0	21	16	0	80
OK	EXTN	131	13	173	74	31	0	205	157	0	784
BE	EXTN	3	0	4	2	1	0	5	4	0	19
DC	EXTN	13	1	18	8	3	0	21	16	0	80
ED	EXTN	4	0	6	3	1	0	7	5	0	26
ER	EXTN	1	0	1	0	0	0	1	1	0	4
MC	EXTN	79	8	105	45	19	0	124	96	0	476
MO	EXTN	16	2	22	9	4	0	26	20	0	99
SH	EXTN	22	2	29	12	5	0	34	26	0	130
TV	EXTN	3	0	4	2	1	0	4	3	0	17
1	SERV	18	4	0	34	27	54	0	0	1	138
2	HOME	5	10	0	24	12	60	0	0	0	111
3	SERV	2	7	0	51	41	82	0	0	8	191
4	SERV	6	4	0	26	21	43	0	0	0	100
5	HOME	5	10	0	23	12	58	0	0	0	108
6	SHOP	1	3	0	26	16	117	0	0	0	163
7	INDS	12	1	4	4	5	42	6	9	67	150
8	ADMN	0	1	5	7	5	39	3	3	17	80
9	SHOP	2	8	0	68	41	309	0	0	0	428
10	ADMN	17	7	28	42	30	231	21	18	13	407
11	INDS	7	1	2	1	2	16	2	3	19	53
12	INDS	12	1	2	2	2	19	3	4	5	50
13	INDS	1	0	0	0	0	3	0	1	4	9
14	INDS	7	0	1	1	2	13	2	3	5	34
15	FLTL	18	4	24	23	19	86	10	8	25	217
16	FLTL	100	6	33	32	26	121	14	11	41	384
17	INDS	10	3	8	8	10	84	11	18	75	227
18	INDS	3	0	1	1	1	7	1	1	3	18
19	INDS	13	2	4	4	5	44	6	9	72	159
TOTAL		524	99	492	540	345	1428	527	432	355	4742

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1300. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	7	0	0	0	0	67	0	0	0	74
OK	EXTN	65	0	0	0	0	654	0	0	0	719
BE	EXTN	2	0	0	0	0	15	0	0	0	17
DC	EXTN	7	0	0	0	0	67	0	0	0	74
ED	EXTN	2	0	0	0	0	22	0	0	0	24
ER	EXTN	0	0	0	0	0	3	0	0	0	3
MC	EXTN	40	0	0	0	0	397	0	0	0	437
MO	EXTN	8	0	0	0	0	81	0	0	0	89
SH	EXTN	11	0	0	0	0	109	0	0	0	120
TV	EXTN	1	0	0	0	0	14	0	0	0	15
1	SERV	10	0	0	0	188	0	0	0	1	199
2	HOME	3	53	0	0	0	0	0	0	0	56
3	SERV	6	0	0	0	36	0	0	0	8	50
4	SERV	5	0	0	0	120	0	0	0	0	125
5	HOME	2	49	0	0	0	0	0	0	0	51
6	SHOP	1	0	0	0	0	0	0	0	0	1
7	INDS	25	0	151	0	0	0	0	0	67	243
8	ADMN	0	0	0	0	0	0	129	0	17	146
9	SHOP	4	0	0	538	0	0	0	0	0	542
10	ADMN	33	0	0	0	0	0	777	0	13	823
11	INDS	14	0	58	0	0	0	0	0	19	91
12	INDS	25	0	70	0	0	0	0	0	5	100
13	INDS	2	0	10	0	0	0	0	0	4	16
14	INDS	13	0	46	0	0	0	0	0	5	64
15	FLTL	36	0	0	0	0	0	0	286	25	347
16	FLTL	200	0	0	0	0	0	0	404	41	645
17	INDS	21	0	300	0	0	0	0	0	75	396
18	INDS	6	0	24	0	0	0	0	0	3	33
19	INDS	26	0	157	0	0	0	0	0	72	255
TOTAL		575	102	816	538	344	1429	906	690	355	5755

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1260. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	13	1	18	8	3	0	21	16	0	80
OK	EXTN	131	13	173	74	31	0	205	157	0	784
BE	EXTN	3	0	4	2	1	0	5	4	0	19
DC	EXTN	13	1	18	6	3	0	21	16	0	80
ED	EXTN	4	0	6	3	1	0	7	5	0	26
ER	EXTN	1	0	1	0	0	0	1	1	0	4
MC	EXTN	79	8	105	45	19	0	124	96	0	476
MO	EXTN	16	2	22	9	4	0	26	20	0	99
SH	EXTN	22	2	29	12	5	0	34	26	0	130
TV	EXTN	3	0	4	2	1	0	4	3	0	17
1	SERV	18	4	0	34	27	54	0	0	1	138
2	HOME	5	10	0	24	12	60	0	0	0	111
3	SERV	2	7	0	51	41	82	0	0	8	191
4	SERV	6	4	0	26	21	43	0	0	0	100
5	HOME	5	10	0	23	12	58	0	0	0	108
6	SHOP	1	3	0	26	16	117	0	0	0	163
7	INDS	12	1	4	4	5	42	6	9	67	150
8	ADMN	0	1	5	7	5	39	3	3	17	80
9	SHOP	2	8	0	68	41	309	0	0	0	428
10	ADMN	17	7	28	42	30	231	21	18	13	407
11	INDS	7	1	2	1	2	16	2	3	19	53
12	INDS	12	1	2	2	2	19	3	4	5	50
13	INDS	1	0	0	0	0	3	0	1	4	9
14	INDS	7	0	1	1	2	13	2	3	5	34
15	FLTL	18	4	24	23	19	86	10	8	25	217
16	FLTL	100	6	33	32	26	121	14	11	41	384
17	INDS	10	3	8	8	10	84	11	18	75	227
18	INDS	3	0	1	1	1	7	1	1	3	18
19	INDS	13	2	4	4	5	44	6	9	72	159
TOTAL		524	99	492	540	345	1428	527	432	355	4742

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1260. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE WORK-H	HOME	INDUST	SHOPPI	SERVIC	EXTERI	ADMINI	FLT.LI	MILITA	TOTAL
NO	EXTN	7	0	0	0	0	67	0	0	0	74
OK	EXTN	65	0	0	0	0	654	0	0	0	719
BE	EXTN	2	0	0	0	0	15	0	0	0	17
DC	EXTN	7	0	0	0	0	67	0	0	0	74
ED	EXTN	2	0	0	0	0	22	0	0	0	24
ER	EXTN	0	0	0	0	0	3	0	0	0	3
MC	EXTN	40	0	0	0	0	397	0	0	0	437
MO	EXTN	8	0	0	0	0	81	0	0	0	89
SH	EXTN	11	0	0	0	0	109	0	0	0	120
TV	EXTN	1	0	0	0	0	14	0	0	0	15
1	SERV	10	0	0	0	188	0	0	0	1	199
2	HOME	3	53	0	0	0	0	0	0	0	56
3	SERV	6	0	0	0	36	0	0	0	8	50
4	SERV	5	0	0	0	120	0	0	0	0	125
5	HOME	2	49	0	0	0	0	0	0	0	51
6	SHOP	1	0	0	0	0	0	0	0	0	1
7	INDS	25	0	151	0	0	0	0	0	67	243
8	ADMN	0	0	0	0	0	0	129	0	17	146
9	SHOP	4	0	0	538	0	0	0	0	0	542
10	ADMN	33	0	0	0	0	0	777	0	13	823
11	INDS	14	0	58	0	0	0	0	0	19	91
12	INDS	25	0	70	0	0	0	0	0	5	100
13	INDS	2	0	10	0	0	0	0	0	4	16
14	INDS	13	0	46	0	0	0	0	0	5	64
15	FLTL	36	0	0	0	0	0	0	286	25	347
16	FLTL	200	0	0	0	0	0	0	404	41	645
17	INDS	21	0	300	0	0	0	0	0	75	396
18	INDS	6	0	24	0	0	0	0	0	3	33
19	INDS	26	0	157	0	0	0	0	0	72	255
TOTAL		575	102	816	538	344	1429	906	690	355	5755

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NO	OK	BE	DC	ED	ER	MC	MO	SH	TV
1	15	2	3	9	2	0	0	0	34	1	0	0	0	0	1	3	0	0	0	3	30	1	3	1	0	18	4	5	1
2	7	5	1	4	5	0	0	0	24	0	0	0	0	0	0	1	0	0	0	3	29	1	3	1	0	18	4	5	1
3	22	4	4	14	3	0	2	0	51	0	0	0	0	0	1	1	2	0	2	4	38	1	4	1	0	23	5	6	1
4	11	2	2	7	2	0	0	0	26	0	0	0	0	0	0	1	0	0	0	2	21	0	2	1	0	13	3	4	0
5	7	5	1	4	5	0	0	0	23	0	0	0	0	0	0	1	0	0	0	3	28	1	3	1	0	17	3	5	1
6	9	2	2	6	1	0	0	0	26	0	0	0	0	0	0	0	0	0	0	6	54	1	6	2	0	33	7	9	1
7	3	1	3	2	0	0	14	4	4	7	4	1	1	1	9	15	15	1	15	2	23	1	2	1	0	14	3	4	0
8	3	1	1	2	0	0	4	1	7	4	1	0	0	0	2	4	6	0	4	2	18	0	2	1	0	11	2	3	0
9	22	4	4	14	4	0	0	0	68	0	0	0	0	0	0	0	0	0	0	15	142	3	15	5	1	86	18	24	3
10	16	4	3	10	3	0	7	4	42	19	3	2	0	2	9	16	13	1	8	11	110	3	11	4	0	67	14	18	2
11	1	1	0	1	0	0	4	1	1	3	1	0	0	0	2	5	5	0	4	1	9	0	1	0	0	6	1	2	0
12	1	1	0	1	0	0	1	0	2	3	0	0	0	0	2	5	2	0	1	1	12	0	1	0	0	7	1	2	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	2	0	0	0	0	1	0	0	0
14	1	0	0	1	0	0	1	0	1	2	0	0	0	0	1	4	1	0	1	1	8	0	1	0	0	5	1	1	0
15	10	2	3	7	2	0	9	2	23	11	3	2	0	1	6	11	14	1	10	5	44	1	5	1	0	27	5	7	1
16	15	3	4	9	3	0	16	4	32	17	5	6	0	4	11	30	23	1	16	9	83	2	9	3	0	50	10	14	2
17	5	2	3	3	1	0	15	6	8	12	5	2	1	1	12	22	19	1	17	4	41	1	4	1	0	25	5	7	1
18	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	1	0	4	0	0	0	0	2	0	1	0
19	3	1	3	2	1	0	15	4	4	8	4	1	1	1	9	15	16	1	16	2	24	1	2	1	0	14	3	4	0
NO	2	1	1	1	1	0	4	3	8	19	2	2	0	1	8	16	7	1	4	0	0	0	0	0	0	0	0	0	0
OK	21	7	5	13	7	0	41	29	76	187	17	24	3	14	78	163	71	7	43	0	0	0	0	0	0	0	0	0	0
BE	0	0	0	0	0	0	1	1	2	5	0	1	0	0	2	4	2	0	1	0	0	0	0	0	0	0	0	0	0
DC	2	1	1	1	1	0	4	3	8	19	2	2	0	1	8	16	7	1	4	0	0	0	0	0	0	0	0	0	0
ED	1	0	0	0	0	0	1	1	3	6	1	1	0	0	3	5	2	0	1	0	0	0	0	0	0	0	0	0	0
ER	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MC	12	5	3	8	4	0	25	18	46	113	10	15	2	9	48	99	43	4	26	0	0	0	0	0	0	0	0	0	0
MO	3	1	1	2	1	0	5	4	10	24	2	3	0	2	10	20	9	1	5	0	0	0	0	0	0	0	0	0	0
SH	3	1	1	2	1	0	7	5	13	31	3	4	0	2	13	27	12	1	7	0	0	0	0	0	0	0	0	0	0
TV	0	0	0	0	0	0	1	1	2	4	0	0	0	0	2	3	2	0	1	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

F.1. CALIBRATION FACTORS (FACTOR*GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
1.091	1.003	.957	1.056

BATS MODEL OUTPUT 70/ 7/20 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG5	GD5	OG6	GD6	OG7	GD7	OG8	GD8	OG9	GD9	OG
NO	15.	16.	18.	15.	5.	5.	7.	8.	3.	3.	3.	4.	4.	4.	0.	0.	0.	0.	
OK	149.	160.	174.	146.	45.	46.	72.	72.	31.	31.	35.	35.	36.	36.	4.	3.	0.	0.	
BE	4.	4.	4.	3.	1.	1.	2.	2.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	
DC	15.	16.	18.	15.	5.	5.	7.	7.	3.	3.	4.	4.	4.	4.	0.	0.	0.	0.	
ED	5.	5.	6.	5.	1.	2.	2.	2.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	
ER	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
MC	90.	97.	105.	89.	28.	28.	42.	43.	19.	19.	21.	21.	22.	22.	3.	2.	0.	0.	
MO	19.	20.	22.	18.	6.	6.	9.	9.	4.	4.	4.	4.	5.	4.	1.	0.	0.	0.	
SH	24.	27.	29.	24.	7.	8.	12.	12.	5.	5.	6.	6.	6.	6.	1.	0.	0.	0.	
TV	3.	3.	4.	3.	1.	1.	2.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	
1	11.	15.	3.	2.	1.	0.	3.	1.	0.	0.	0.	0.	0.	0.	0.	0.	21.	65.	
2	23.	9.	8.	1.	3.	0.	11.	1.	1.	0.	1.	0.	1.	0.	0.	0.	36.	30.	
3	36.	7.	10.	1.	4.	0.	12.	0.	1.	0.	1.	0.	1.	0.	0.	0.	80.	28.	
4	25.	17.	5.	1.	1.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	39.	72.	
5	27.	9.	7.	1.	2.	0.	8.	0.	1.	0.	1.	0.	1.	0.	0.	0.	35.	27.	
6	83.	1.	5.	0.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.	0.	
7	0.	1.	38.	63.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	76.	117.	
8	27.	45.	3.	2.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	33.	64.	
9	93.	73.	112.	40.	10.	1.	21.	2.	2.	0.	1.	0.	1.	0.	0.	0.	87.	279.	
10	13.	48.	126.	211.	11.	5.	17.	8.	1.	0.	1.	0.	0.	0.	0.	0.	112.	291.	
11	0.	0.	16.	27.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	25.	40.	
12	0.	0.	0.	3.	18.	31.	1.	2.	0.	0.	0.	0.	0.	0.	0.	0.	17.	35.	
13	0.	0.	0.	0.	1.	2.	2.	3.	0.	0.	0.	0.	0.	0.	0.	0.	3.	6.	
14	0.	2.	1.	4.	7.	10.	5.	6.	0.	0.	0.	0.	0.	0.	0.	0.	13.	25.	
15	1.	8.	4.	20.	36.	50.	23.	29.	1.	0.	0.	0.	0.	0.	0.	0.	77.	119.	
16	0.	1.	0.	1.	0.	0.	33.	100.	46.	66.	54.	74.	2.	3.	0.	0.	146.	211.	
17	37.	88.	9.	10.	3.	1.	10.	3.	1.	0.	1.	0.	4.	1.	1.	1.	95.	167.	
18	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	10.	7.	13.	
19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	42.	67.	0.	0.	83.	123.	

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	249.	200.	0.	50.	0.	199.	47.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	1.	1.
2	89.	88.	0.	1.	0.	71.	17.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	728.	0.	728.	0.	0.	581.	138.	0.	4.	1.	3.	0.	0.	0.	0.	0.	0.	25.	31.
5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	678.	406.	27.	245.	0.	542.	129.	0.	4.	1.	3.	0.	0.	0.	0.	0.	0.	1.	1.
14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	678.	678.	0.	0.	0.	542.	129.	0.	4.	1.	3.	0.	0.	0.	0.	0.	0.	1.	1.
16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	542.	446.	56.	40.	0.	429.	102.	0.	3.	1.	2.	0.	2.	1.	1.	1.	0.	5.	5.
18	673.	327.	345.	0.	0.	538.	128.	0.	4.	1.	3.	0.	0.	0.	0.	0.	0.	77.	96.
19	344.	270.	56.	18.	0.	271.	64.	0.	2.	0.	1.	0.	2.	1.	1.	1.	0.	5.	5.
20	308.	223.	85.	0.	0.	246.	58.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	8.	10.
21	300.	229.	0.	71.	0.	236.	56.	0.	2.	0.	1.	0.	2.	1.	1.	1.	0.	24.	29.
22	264.	0.	196.	68.	0.	211.	50.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	5.	6.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	156.	100.	56.	0.	0.	99.	31.	0.	0.	0.	2.	6.	12.	2.	2.	1.	0.	0.	0.
26	156.	0.	41.	115.	0.	125.	30.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
27	18.	1.	11.	6.	0.	14.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	125.	125.	0.	0.	0.	100.	24.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	366.	283.	56.	0.	27.	184.	51.	0.	3.	1.	3.	10.	44.	15.	19.	7.	0.	91.	112.
30	388.	101.	286.	0.	1.	201.	56.	0.	4.	1.	3.	29.	53.	7.	26.	7.	0.	163.	222.
31	12.	0.	0.	12.	0.	3.	1.	0.	0.	0.	0.	3.	3.	0.	2.	0.	0.	6.	7.
32	2.	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
35	390.	303.	32.	56.	0.	266.	65.	0.	3.	1.	2.	7.	20.	11.	11.	4.	0.	0.	0.
36	320.	0.	85.	235.	0.	256.	61.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39	954.	296.	3.	627.	28.	740.	176.	0.	6.	1.	4.	0.	0.	0.	0.	0.	0.	126.	156.
40	131.	0.	0.	0.	131.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
41	339.	338.	0.	1.	0.	218.	58.	0.	7.	1.	3.	1.	29.	2.	10.	10.	0.	5.	5.
42	350.	75.	45.	229.	0.	280.	66.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
43	50.	50.	0.	0.	0.	40.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.
44	79.	0.	77.	2.	0.	63.	15.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
45	83.	0.	83.	0.	0.	64.	15.	0.	3.	1.	0.	0.	0.	0.	0.	0.	0.	33.	50.
46	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
47	46.	42.	0.	4.	0.	35.	8.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	18.	27.
48	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
49	53.	0.	0.	0.	53.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	59.	40.	0.	19.	0.	11.	4.	0.	0.	0.	0.	12.	14.	5.	12.	1.	0.	28.	31.
51	55.	21.	14.	20.	0.	12.	4.	0.	0.	0.	0.	7.	9.	10.	9.	2.	0.	25.	29.
52	97.	76.	0.	0.	21.	29.	9.	0.	0.	0.	1.	10.	14.	3.	10.	1.	0.	18.	20.
53	51.	45.	0.	0.	6.	10.	3.	0.	0.	0.	0.	7.	8.	8.	7.	1.	0.	20.	24.
54	77.	42.	25.	2.	8.	25.	8.	0.	0.	0.	1.	10.	14.	2.	9.	1.	0.	19.	21.
55	52.	46.	0.	6.	0.	10.	3.	0.	0.	0.	0.	7.	9.	10.	10.	2.	0.	24.	28.
56	66.	61.	0.	0.	5.	15.	5.	0.	0.	0.	0.	12.	15.	3.	11.	0.	0.	28.	31.
57	56.	51.	0.	0.	4.	10.	3.	0.	0.	0.	0.	7.	9.	10.	10.	2.	0.	24.	28.
58	77.	0.	1.	76.	0.	24.	8.	0.	0.	0.	1.	13.	16.	4.	11.	0.	0.	36.	40.
59	266.	0.	1.	262.	3.	135.	36.	0.	3.	1.	2.	9.	39.	14.	17.	6.	0.	93.	114.
60	288.	0.	167.	121.	0.	139.	39.	0.	3.	1.	2.	28.	44.	4.	24.	5.	0.	121.	165.
61	267.	0.	0.	267.	0.	124.	40.	0.	1.	0.	3.	32.	39.	4.	22.	2.	0.	73.	92.
62	242.	33.	0.	210.	0.	119.	33.	0.	3.	1.	2.	11.	38.	14.	16.	5.	0.	108.	133.
63	189.	73.	116.	0.	0.	151.	36.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	47.	56.
64	110.	54.	55.	0.	0.	88.	21.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
65	269.	208.	61.	0.	0.	215.	51.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	32.	40.
66	226.	42.	0.	184.	0.	177.	42.	0.	2.	0.	1.	0.	2.	1.	1.	1.	0.	5.	5.
67	287.	126.	148.	0.	14.	164.	45.	0.	3.	1.	3.	3.	36.	3.	10.	6.	0.	67.	83.
68	312.	310.	0.	0.	2.	177.	48.	0.	4.	1.	3.	16.	37.	4.	15.	6.	0.	127.	182.
69	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70	16.	0.	16.	0.	0.	9.	3.	0.	0.	0.	0.	1.	1.	1.	1.	0.	0.	8.	9.
71	35.	13.	0.	16.	6.	17.	5.	0.	0.	0.	0.	1.	4.	0.	1.	0.	0.	2.	2.
72	13.	0.	2.	6.	5.	4.	1.	0.	0.	0.	0.	0.	1.	1.	0.	0.	0.	4.	5.
73	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
74	6.	0.	0.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
75	322.	0.	165.	106.	51.	209.	47.	0.	2.	0.	0.	0.	8.	1.	1.	2.	0.	0.	0.
76	335.	317.	1.	0.	18.	220.	51.	0.	6.	1.	1.	3.	18.	6.	6.	4.	0.	131.	186.
77	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
78	1.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
79	51.	33.	17.	0.	0.	39.	9.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	20.	31.
80	42.	0.	0.	42.	0.	32.	8.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	17.	25.
81	338.	90.	67.	182.	0.	217.	58.	0.	7.	1.	3.	1.	29.	2.	10.	10.	0.	5.	5.
82	297.	297.	0.	0.	0.	195.	46.	0.	9.	2.	2.	1.	22.	2.	8.	9.	0.	115.	182.
83	369.	361.	0.	8.	0.	224.	56.	0.	10.	2.	2.	2.	47.	1.	12.	14.	0.	146.	198.
84	572.	424.	116.	0.	31.	334.	81.	0.	13.	3.	3.	17.	45.	14.	19.	12.	0.	155.	251.
85	387.	322.	0.	15.	50.	192.	49.	0.	8.	2.	2.	2.	50.	2.	15.	16.	0.	133.	177.
86	503.	334.	33.	1.	135.	212.	53.	0.	7.	1.	2.	13.	42.	10.	16.	12.	0.	123.	184.
87	420.	251.	0.	48.	121.	183.	47.	0.	8.	2.	2.	1.	33.	1.	10.	13.	0.	100.	129.
88	492.	208.	0.	230.	53.	272.	67.	0.	10.	2.	2.	11.	43.	7.	14.	10.	0.	173.	255.
89	265.	191.	71.	0.	3.	156.	38.	0.	5.	1.	1.	3.	33.	4.	10.	10.	0.	110.	142.
90	314.	204.	0.	4.	106.	106.	28.	0.	4.	1.	1.	11.	33.	6.	11.	7.	0.	80.	117.
91	220.	189.	2.	0.	30.	108.	28.	0.	5.	1.	1.	3.	24.	4.	9.	8.	0.	78.	101.
92	246.	220.	20.	7.	0.	132.	35.	0.	4.	1.	2.	13.	35.	5.	12.	7.	0.	96.	139.
93	160.	138.	0.	21.	1.	98.	24.	0.	3.	1.	1.	1.	20.	2.	5.	4.	0.	60.	74.
94	251.	211.	40.	0.	0.	143.	37.	0.	4.	1.	2.	12.	32.	3.	11.	6.	0.	94.	137.
95	149.	148.	0.	1.	0.	93.	23.	0.	3.	1.	1.	0.	18.	1.	4.	4.	0.	55.	69.
96	211.	211.	0.	0.	0.	125.	32.	0.	4.	1.	1.	10.	23.	2.	8.	4.	0.	84.	125.
97	149.	148.	0.	0.	1.	93.	23.	0.	3.	1.	1.	0.	18.	1.	4.	4.	0.	55.	68.
98	211.	0.	0.	211.	0.	126.	32.	0.	4.	1.	1.	10.	23.	2.	8.	4.	0.	84.	125.
99	127.	0.	52.	0.	75.	29.	9.	0.	0.	0.	1.	1.	8.	1.	2.	1.	0.	6.	7.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS (CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	104.	101.	0.	1.	1.	52.	16.	0.	0.	0.	1.	6.	16.	2.	7.	2.	0.	44.	59.
101	55.	3.	0.	0.	53.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.
102	57.	0.	0.	37.	20.	21.	6.	0.	0.	0.	1.	1.	5.	1.	2.	1.	0.	16.	21.
103	41.	0.	19.	16.	7.	15.	5.	0.	0.	0.	0.	1.	8.	1.	2.	2.	0.	8.	10.
104	1.	0.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
105	102.	0.	84.	0.	18.	46.	12.	0.	2.	0.	1.	2.	10.	3.	4.	5.	0.	36.	49.
106	43.	4.	0.	1.	39.	3.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	3.
107	61.	0.	0.	41.	21.	19.	6.	0.	0.	0.	1.	1.	9.	1.	2.	2.	0.	11.	14.
108	109.	5.	15.	80.	8.	56.	14.	0.	2.	0.	1.	2.	12.	3.	5.	5.	0.	43.	58.
109	102.	0.	2.	0.	100.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
110	98.	0.	74.	7.	18.	61.	14.	0.	3.	1.	0.	0.	0.	0.	0.	0.	0.	32.	46.
111	134.	0.	0.	0.	134.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
112	54.	0.	3.	47.	5.	37.	9.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	20.	30.
113	205.	107.	98.	0.	0.	79.	26.	0.	0.	0.	2.	1.	69.	0.	13.	15.	0.	44.	57.
114	167.	38.	115.	14.	0.	50.	15.	0.	1.	0.	1.	11.	50.	11.	16.	11.	0.	78.	89.
115	256.	189.	0.	67.	0.	179.	42.	0.	9.	2.	1.	2.	6.	2.	4.	8.	0.	76.	103.
116	372.	239.	9.	124.	0.	263.	63.	0.	14.	3.	2.	3.	8.	2.	4.	11.	0.	124.	248.
117	189.	81.	40.	43.	44.	94.	22.	0.	5.	1.	1.	2.	6.	2.	4.	8.	0.	43.	57.
118	270.	256.	0.	0.	14.	175.	41.	0.	9.	2.	1.	3.	8.	2.	4.	11.	0.	84.	172.
119	82.	0.	0.	0.	82.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
120	166.	146.	10.	0.	10.	106.	25.	0.	6.	1.	1.	2.	7.	2.	4.	3.	0.	48.	108.
121	32.	2.	0.	30.	0.	17.	4.	0.	1.	0.	0.	0.	1.	0.	1.	8.	0.	10.	21.
122	43.	0.	0.	0.	43.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
123	57.	13.	33.	0.	11.	31.	7.	0.	2.	0.	0.	1.	3.	1.	1.	0.	0.	12.	17.
124	94.	6.	75.	10.	3.	70.	17.	0.	4.	1.	0.	0.	0.	0.	0.	0.	0.	33.	56.
125	67.	0.	11.	11.	44.	17.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	5.	7.
126	116.	0.	116.	0.	0.	69.	21.	0.	5.	1.	1.	0.	0.	0.	0.	0.	0.	40.	76.
127	19.	1.	5.	0.	14.	4.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	3.
128	25.	0.	0.	24.	2.	18.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	9.	15.
129	19.	0.	0.	0.	19.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
130	29.	24.	0.	0.	5.	19.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	9.	15.
131	14.	0.	0.	0.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
132	48.	0.	48.	0.	1.	37.	9.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	18.	30.
133	2.	0.	2.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
134	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
135	242.	0.	242.	0.	0.	119.	33.	0.	3.	1.	2.	11.	38.	14.	16.	5.	0.	108.	133.
136	268.	77.	82.	0.	109.	66.	20.	0.	1.	0.	2.	21.	26.	2.	20.	2.	0.	52.	67.
137	242.	242.	0.	0.	0.	119.	33.	0.	3.	1.	2.	11.	38.	14.	16.	5.	0.	108.	133.
138	77.	0.	77.	0.	0.	23.	6.	0.	1.	0.	0.	12.	15.	1.	18.	1.	0.	32.	42.
139	81.	0.	0.	0.	81.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
140	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
141	101.	67.	0.	33.	0.	37.	11.	0.	1.	0.	1.	14.	17.	1.	19.	1.	0.	43.	55.
142	242.	0.	0.	242.	0.	119.	33.	0.	3.	1.	2.	11.	38.	14.	16.	5.	0.	108.	133.
143	67.	0.	1.	66.	0.	43.	14.	0.	0.	0.	1.	4.	4.	1.	1.	0.	0.	0.	0.
144	68.	0.	9.	59.	0.	54.	13.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
145	218.	150.	68.	0.	0.	174.	41.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	23.	28.
146	174.	167.	0.	7.	0.	135.	32.	0.	1.	0.	1.	0.	2.	1.	1.	1.	0.	5.	5.
147	75.	0.	38.	37.	0.	48.	16.	0.	0.	0.	1.	4.	5.	1.	1.	0.	0.	0.	0.
148	76.	0.	11.	65.	0.	61.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
149	162.	82.	0.	35.	45.	46.	15.	0.	0.	0.	1.	15.	18.	1.	19.	1.	0.	41.	53.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
150	310.	241.	23.	0.	45.	132.	37.	0.	3.	1.	2.	13.	40.	14.	17.	5.	0.	118.	146.
151	141.	0.	0.	83.	58.	19.	6.	0.	0.	0.	0.	15.	18.	1.	23.	1.	0.	37.	46.
152	119.	78.	27.	0.	14.	39.	12.	0.	0.	0.	1.	10.	22.	9.	9.	2.	0.	48.	56.
153	160.	96.	65.	0.	0.	128.	30.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.	10.	12.
154	117.	109.	0.	8.	0.	89.	21.	0.	1.	0.	0.	0.	2.	1.	1.	1.	0.	5.	5.
155	75.	0.	75.	0.	0.	18.	5.	0.	0.	0.	0.	10.	21.	9.	9.	2.	0.	34.	37.
156	83.	0.	43.	0.	40.	11.	3.	0.	0.	0.	0.	8.	9.	0.	11.	0.	0.	19.	23.
157	43.	1.	0.	4.	37.	3.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	2.	3.
158	120.	0.	0.	75.	45.	18.	5.	0.	0.	0.	0.	10.	21.	9.	9.	2.	0.	34.	37.
159	45.	0.	0.	0.	45.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
160	75.	52.	22.	0.	0.	15.	5.	0.	0.	0.	0.	8.	26.	1.	16.	3.	0.	36.	39.
161	72.	34.	37.	1.	0.	29.	10.	0.	0.	0.	1.	9.	10.	0.	12.	0.	0.	0.	0.
162	90.	0.	14.	75.	0.	68.	16.	0.	1.	0.	0.	0.	2.	1.	1.	1.	0.	5.	5.
163	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
164	75.	0.	0.	75.	0.	15.	5.	0.	0.	0.	0.	8.	26.	1.	16.	3.	0.	36.	39.
165	24.	0.	0.	24.	0.	2.	1.	0.	0.	0.	0.	0.	16.	0.	3.	2.	0.	11.	12.
166	31.	0.	0.	31.	0.	5.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	13.	15.
167	24.	0.	24.	0.	0.	2.	1.	0.	0.	0.	0.	0.	16.	0.	3.	2.	0.	11.	12.
168	31.	0.	31.	0.	0.	5.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	13.	16.
169	24.	0.	24.	0.	0.	2.	1.	0.	0.	0.	0.	0.	16.	0.	3.	2.	0.	11.	12.
170	31.	0.	0.	31.	0.	5.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	14.	16.
171	31.	0.	0.	31.	0.	5.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	14.	17.
172	24.	0.	0.	24.	0.	2.	1.	0.	0.	0.	0.	0.	16.	0.	3.	2.	0.	11.	12.
173	28.	14.	12.	0.	1.	3.	1.	0.	0.	0.	0.	0.	16.	0.	3.	2.	0.	12.	14.
174	33.	0.	31.	0.	2.	5.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	14.	17.
175	17.	11.	0.	6.	0.	4.	1.	0.	0.	0.	0.	0.	9.	0.	2.	1.	0.	8.	9.
176	36.	28.	0.	0.	8.	3.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	12.	14.
177	11.	0.	11.	0.	0.	1.	0.	0.	0.	0.	0.	0.	7.	0.	1.	1.	0.	5.	5.
178	27.	26.	1.	0.	0.	2.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	12.	14.
179	6.	0.	6.	0.	0.	5.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
180	11.	0.	11.	0.	0.	7.	2.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	0.	0.
181	6.	0.	5.	1.	0.	5.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
182	9.	0.	0.	9.	0.	7.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
183	11.	0.	11.	0.	0.	1.	0.	0.	0.	0.	0.	0.	7.	0.	1.	1.	0.	5.	5.
184	27.	0.	0.	27.	0.	2.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	12.	14.
185	29.	0.	0.	27.	3.	2.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	12.	14.
186	14.	14.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	9.	0.	2.	1.	0.	6.	7.
187	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
188	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
189	7.	0.	0.	4.	2.	3.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	3.
190	13.	12.	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	8.	0.	1.	1.	0.	5.	6.
191	6.	6.	0.	0.	0.	4.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	2.	4.
192	12.	0.	0.	12.	0.	1.	0.	0.	0.	0.	0.	0.	8.	0.	1.	1.	0.	5.	6.
193	12.	0.	0.	0.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
194	6.	0.	6.	0.	0.	4.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	2.	4.
195	30.	29.	0.	0.	0.	3.	1.	0.	0.	0.	0.	6.	10.	0.	9.	1.	0.	14.	16.
196	14.	3.	0.	0.	12.	0.	0.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	1.	1.
197	111.	5.	0.	6.	100.	6.	2.	0.	0.	0.	0.	0.	2.	0.	1.	0.	0.	4.	6.
198	34.	33.	0.	0.	0.	10.	3.	0.	0.	0.	0.	1.	14.	0.	3.	3.	0.	16.	18.
199	97.	0.	0.	0.	97.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 76/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO1260. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
200	133.	0.	0.	133.	0.	41.	12.	0.	1.	0.	1.	11.	37.	10.	14.	8.	0.	62.	71.
201	50.	42.	0.	8.	0.	40.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.
202	79.	79.	0.	0.	0.	63.	15.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
203	105.	105.	0.	0.	0.	84.	20.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	47.	58.
204	54.	0.	0.	0.	54.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
205	84.	0.	0.	84.	0.	67.	16.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
206	55.	0.	0.	0.	55.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
207	18.	18.	0.	0.	0.	14.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
208	125.	0.	0.	0.	125.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
209	617.	0.	4.	612.	0.	493.	117.	0.	4.	1.	2.	0.	0.	0.	0.	0.	0.	25.	31.
210	407.	0.	0.	0.	407.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
211	201.	0.	0.	0.	201.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
212	12.	12.	1.	0.	0.	10.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
213	43.	0.	0.	0.	43.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
214	75.	74.	1.	0.	0.	60.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
215	110.	0.	0.	0.	110.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
216	56.	41.	0.	14.	0.	45.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
217	416.	175.	135.	106.	0.	250.	63.	0.	11.	2.	2.	2.	53.	2.	15.	16.	0.	166.	226.
218	574.	504.	0.	38.	32.	328.	82.	0.	13.	3.	3.	13.	49.	13.	21.	17.	0.	149.	240.
219	42.	0.	0.	42.	0.	28.	7.	0.	1.	0.	0.	0.	2.	0.	2.	1.	0.	17.	24.
220	38.	0.	0.	38.	0.	15.	5.	0.	1.	0.	0.	0.	8.	1.	5.	3.	0.	17.	22.
221	24.	0.	24.	0.	0.	2.	1.	0.	0.	0.	0.	0.	16.	0.	3.	2.	0.	11.	12.
222	31.	12.	9.	11.	0.	5.	1.	0.	0.	0.	0.	6.	8.	0.	9.	1.	0.	13.	14.
223	342.	307.	0.	35.	0.	269.	64.	0.	2.	0.	1.	0.	2.	1.	1.	1.	0.	5.	5.
224	413.	289.	81.	43.	0.	330.	78.	0.	2.	0.	2.	0.	0.	0.	0.	0.	0.	22.	28.
225	102.	102.	0.	0.	0.	66.	20.	0.	0.	0.	2.	1.	7.	3.	2.	1.	0.	0.	0.
226	100.	25.	14.	61.	0.	80.	19.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
227	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
228	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
229	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
230	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
231	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
232	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
233	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
234	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
235	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
236	34.	0.	34.	0.	0.	24.	6.	0.	1.	0.	0.	0.	1.	0.	1.	0.	0.	11.	24.
237	38.	0.	2.	0.	36.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
238	61.	2.	2.	56.	3.	45.	11.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	22.	37.
239	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
240	1.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	30539.	14677.	5534.	6780.	3548.	17416.	4356.	0.	342.	66.	152.	688.	2156.	378.	982.	448.	3.	5993.	6189.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1260. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 1	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 2	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 3	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 4	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 5	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 6	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 7	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 8	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 9	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 10	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 11	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 12	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 13	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION 14	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 15	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 16	0.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 17	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 18	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 19	0.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 20	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 21	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 22	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 23	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 24	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 25	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 26

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	15.		15.		-0.		19.	
V/GCAP	.10761		.10266		0.00000		.15236	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	15.	0.	15.	12.	0.	0.	12.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	271.	0.	262.	439.	0.	0.	439.	0.
CAPACITY(VEH)	696.	1.	705.	1025.	1.	0.	1025.	0.
V/GCAP	.10761	0.00000	.10266	.15236	0.00000	0.00000	.15236	0.00000

INTERSECTION 27

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	28.		32.		-0.		32.	
V/GCAP	.06367		.11523		0.00000		.03980	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	9.	10.	7.	8.	9.	10.	7.	7.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	0.	80.	251.	367.	0.	0.	48.	1.
CAPACITY(VEH)	530.	556.	1684.	1621.	0.	0.	610.	610.
V/GCAP	0.00000	.06367	.07593	.11523	0.00000	0.00000	.03980	.00046

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 28	1.	0.	0.	0.	1.	0.	0.	0.

INTERSECTION 29

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	12.		15.		12.		12.	
V/GCAP	.12803		.16525		.13227		.13054	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	24.	29.	20.	23.	29.	0.	23.	0.
QUEUE(VEH)	1.	1.	1.	1.	1.	0.	1.	0.
VOLUME(VEH)	338.	167.	416.	372.	167.	0.	372.	0.
CAPACITY(VEH)	532.	263.	676.	587.	263.	0.	587.	0.
V/GCAP	.12803	.13227	.16525	.13054	.13227	0.00000	.13054	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 30	0.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 31	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 32	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 33	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 34	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 35	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 36	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 37	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 38	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 39

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	32.		32.		60.		0.	
V/GCAP	.03496		.02341		.09540		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	36.	19.	35.	0.	19.	0.	0.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	101.	265.	67.	0.	265.	0.	0.	0.
CAPACITY(VEH)	711.	1304.	706.	1.	1304.	0.	1.	0.
V/GCAP	.03496	.09540	.02341	0.00000	.09540	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 40	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 41

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	32.		32.		51.		0.	
V/GCAP	.04067		.02970		.07886		0.00000	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	32.	20.	31.	0.	20.	0.	0.	0.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	117.	105.	75.	0.	105.	0.	0.	0.
CAPACITY(VEH)	786.	573.	670.	1.	573.	0.	1.	0.
V/GCAP	.04067	.07886	.02970	0.00000	.07886	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 42	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 43	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 44	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 45	0.	0.	0.	0.	4.	0.	0.	0.
INTERSECTION 46	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 47	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 48	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 49	0.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION	50	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	51	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	52	1.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	53	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION	54	0.	0.	0.	0.	0.	0.	0.	0.

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1260. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	15299.704	192.159	204.159	0.000	0.000	25.410	52.623	1214.234
PARKNG	2	45010.010	361.636	373.636	0.000	0.000	81.860	39.886	2314.467
PARKNG	3	14370.662	85.074	97.074	0.000	0.000	121.289	30.522	544.475
PARKNG	4	20897.259	143.868	155.868	0.000	0.000	63.322	76.649	906.947
PARKNG	5	10308.042	94.868	106.868	0.000	0.000	68.964	30.969	607.158
PARKNG	6	16646.636	125.301	137.301	0.000	0.000	120.759	.529	801.928
PARKNG	7	35051.946	134.183	146.183	0.000	0.000	97.786	154.693	800.901
PARKNG	8	18695.160	147.612	159.612	0.000	0.000	45.255	77.717	904.127
PARKNG	9	49889.643	65.694	77.694	0.000	0.000	318.030	383.303	370.158
PARKNG	10	79381.486	91.991	103.991	0.000	0.000	275.476	551.516	544.919
PARKNG	11	5967.341	65.960	77.960	0.000	0.000	32.214	52.395	416.536
PARKNG	12	7102.614	62.406	74.406	0.000	0.000	36.665	70.097	385.768
PARKNG	13	1986.354	117.570	129.570	0.000	0.000	5.907	10.385	744.869
PARKNG	14	4077.674	62.708	74.708	0.000	0.000	21.781	39.077	388.611
PARKNG	15	25164.421	71.410	83.410	0.000	0.000	127.511	203.455	431.736
PARKNG	16	196861.443	277.605	289.605	0.000	0.000	266.387	431.239	1752.728
PARKNG	17	44371.489	115.834	127.834	0.000	0.000	137.403	231.422	689.549
PARKNG	18	4619.787	143.810	155.810	0.000	0.000	11.309	19.872	910.025
PARKNG	19	32771.966	128.653	140.653	0.000	0.000	97.081	148.596	803.529

BATS MODEL OUTPUT 78/ 7/28 TINKER AFB NOON PEAK PREDICTIVE PERIOD FROM 1200. TO 1260. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	77.	77.	77.	2	76.	76.	76.	3	26.	26.	26.	4	27.	27.	27.	5	50.	50.	50.	6	50.	50.	50.
7	60.	60.	60.	8	60.	60.	60.	9	46.	46.	46.	10	46.	46.	46.	11	47.	47.	47.	12	47.	47.	47.
13	9.	9.	9.	14	8.	8.	8.	15	10.	10.	10.	16	9.	9.	9.	17	33.	33.	33.	18	34.	34.	34.
19	31.	31.	31.	20	30.	30.	30.	21	33.	33.	33.	22	33.	33.	33.	23	8.	8.	8.	24	8.	8.	8.
25	18.	18.	18.	26	17.	17.	17.	27	3.	3.	3.	28	3.	3.	3.	29	8.	8.	8.	30	9.	9.	9.
31	10.	10.	10.	32	10.	10.	10.	33	10.	10.	10.	34	10.	10.	10.	35	11.	11.	11.	36	11.	11.	11.
37	10.	10.	10.	38	10.	10.	10.	39	7.	7.	7.	40	7.	7.	7.	41	22.	22.	22.	42	22.	22.	22.
43	59.	59.	59.	44	59.	59.	59.	45	13.	13.	13.	46	13.	13.	13.	47	15.	15.	15.	48	14.	14.	14.
49	23.	23.	23.	50	25.	25.	25.	51	17.	17.	17.	52	16.	16.	16.	53	16.	16.	16.	54	16.	16.	16.
55	35.	35.	35.	56	35.	35.	35.	57	17.	17.	17.	58	18.	18.	18.	59	42.	42.	42.	60	42.	42.	42.
61	32.	32.	32.	62	32.	32.	32.	63	24.	24.	24.	64	24.	24.	24.	65	58.	58.	58.	66	58.	58.	58.
67	30.	30.	30.	68	30.	30.	30.	69	29.	29.	29.	70	29.	29.	29.	71	30.	30.	30.	72	30.	30.	30.
73	30.	30.	30.	74	30.	30.	30.	75	45.	45.	45.	76	30.	30.	30.	77	38.	38.	38.	78	30.	30.	30.
79	21.	21.	21.	80	21.	21.	21.	81	42.	42.	42.	82	19.	19.	19.	83	15.	15.	15.	84	15.	15.	15.
85	21.	21.	21.	86	28.	28.	27.	87	31.	31.	31.	88	36.	36.	36.	89	31.	31.	31.	90	16.	16.	16.
91	16.	16.	16.	92	17.	17.	17.	93	18.	18.	18.	94	18.	18.	18.	95	17.	17.	17.	96	17.	17.	17.
97	15.	15.	15.	98	16.	16.	16.	99	27.	27.	27.	100	28.	28.	28.	101	32.	32.	32.	102	32.	32.	32.
103	20.	20.	20.	104	20.	20.	20.	105	18.	18.	18.	106	18.	18.	18.	107	20.	20.	20.	108	20.	20.	20.
109	30.	30.	30.	110	40.	40.	40.	111	30.	30.	30.	112	32.	32.	32.	113	69.	69.	69.	114	97.	97.	97.
115	51.	51.	51.	116	74.	74.	74.	117	37.	37.	37.	118	37.	37.	37.	119	40.	40.	40.	120	41.	41.	41.
121	14.	14.	14.	122	13.	13.	13.	123	24.	24.	24.	124	25.	25.	25.	125	25.	25.	25.	126	26.	26.	26.
127	34.	34.	34.	128	34.	34.	34.	129	66.	66.	66.	130	66.	66.	66.	131	28.	28.	28.	132	28.	28.	28.
133	20.	20.	20.	134	20.	20.	20.	135	27.	27.	27.	136	27.	27.	27.	137	12.	12.	12.	138	12.	12.	12.
139	121.	121.	121.	140	121.	121.	121.	141	73.	73.	73.	142	38.	38.	38.	143	64.	64.	64.	144	29.	29.	29.
145	23.	23.	23.	146	23.	23.	23.	147	59.	59.	59.	148	28.	28.	28.	149	64.	64.	64.	150	51.	51.	51.
151	77.	77.	77.	152	97.	97.	97.	153	104.	104.	104.	154	104.	104.	104.	155	20.	20.	20.	156	20.	20.	20.
157	68.	68.	68.	158	68.	68.	68.	159	13.	13.	13.	160	14.	14.	14.	161	8.	8.	8.	162	8.	8.	8.
163	28.	28.	28.	164	28.	28.	28.	165	13.	13.	13.	166	13.	13.	13.	167	28.	28.	28.	168	28.	28.	28.
169	37.	37.	37.	170	37.	37.	37.	171	75.	75.	75.	172	75.	75.	75.	173	41.	41.	41.	174	41.	41.	41.
175	13.	13.	13.	176	12.	12.	12.	177	38.	38.	38.	178	38.	38.	38.	179	3.	3.	3.	180	7.	7.	7.
181	159.	159.	159.	182	159.	159.	159.	183	13.	13.	13.	184	13.	13.	13.	185	34.	34.	34.	186	34.	34.	34.
187	46.	46.	46.	188	46.	46.	46.	189	57.	57.	57.	190	57.	57.	57.	191	17.	17.	17.	192	17.	17.	17.
193	42.	42.	42.	194	42.	42.	42.	195	38.	38.	38.	196	38.	38.	38.	197	28.	28.	28.	198	28.	28.	28.
199	13.	13.	13.	200	13.	13.	13.	201	149.	149.	149.	202	149.	149.	149.	203	5.	5.	5.	204	5.	5.	5.
205	10.	10.	10.	206	10.	10.	10.	207	7.	7.	7.	208	7.	7.	7.	209	4.	4.	4.	210	4.	4.	4.
211	6.	6.	6.	212	7.	7.	7.	213	17.	17.	17.	214	17.	17.	17.	215	101.	101.	101.	216	102.	102.	102.
217	33.	33.	33.	218	14.	14.	14.	219	5.	5.	5.	220	5.	5.	5.	221	77.	77.	77.	222	78.	78.	78.
223	40.	40.	40.	224	40.	40.	40.	225	10.	10.	10.	226	10.	10.	10.	227	22.	22.	22.	228	22.	22.	22.
229	7.	7.	7.	230	7.	7.	7.	231	20.	20.	20.	232	20.	20.	20.	233	6.	6.	6.	234	6.	6.	6.
235	17.	17.	17.	236	17.	17.	17.	237	42.	42.	42.	238	42.	42.	42.	239	38.	38.	38.	240	38.	38.	38.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK	222.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES	175.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK	6716.(VEH-MI)
TOTAL INTERSECTION DELAY ON NETWORK	20.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS	4580.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS	168.(M)

```
AEOYCCI.   79/08/17. SRI KRONOS/NOS (O) FRIDAY.

20.25.33.DJD5,CM200000,P10,T200.
20.25.33. PRIORITY 10B.
20.25.33. ---FOR COS INFO CALL EXT 5050.
20.25.33.ACCOUNT(WADJD,)
20.25.33.GET(LGOPLOT)
20.25.35.GET(TINKER)
20.25.36.SETID(OUTPUT=1)
20.25.36.MAP.
20.25.36.GETLIB,SUBLIB.
20.25.37.NOEXIT.
20.25.37.GETLIB,CCTAPE.
20.25.38.LDSET,LIB=CCTAPE/SUBLIB.
20.25.38.LGOPLOT,TINKER.
20.25.44.      NON-FATAL LOADER ERRORS - SEE MAP
20.26.52.STOP
20.26.52.REPLACE(TAPE7=TAPE7)
20.26.52. TAPE7 NOT FOUND,  AT 000123.
20.26.52.RETURN(TAPE1)
20.26.52.UQPR,       0.254KPRS.
20.26.52.UQIN,       0.002KPRS.
20.26.52.UEPF,       0.217KUNS.
20.26.52.UEMS,       4.348KUNS.
20.26.52.UECP,      49.490SECS.
20.26.52.AESR,      11.386UNTS.
20.26.52.UECM,      62.207KWRD.
20.26.52.AE$$,       7.773$$$$.
```

Appendix E

SAMPLE RUN: DAVIS-MONTHAN

I. Introduction

The base engineers at Davis-Monthan AFB expressed interest in simulating the effects of increasing the use of commuter buses. The morning rush hour was chosen for study and was simulated using an hourly time period since the base currently experiences little or no congestion. If there were congestion problems on the base, then each 15-minute time period during the rush hour would have to be simulated to provide an accurate picture of the problem areas. Printouts from both a descriptive run and a predictive run are included as part of this appendix. Link and volume flow maps of the network were made for the descriptive run only.

II. Descriptive Run

Several runs of the BATS model were made and various input parameters were changed for each run. The exponents of travel time, which are entered on Card Type 1, were changed in three of the computer runs. Table E-1 compares the network counts made in the 1977 Military Traffic Management Command (MTMC) study with those generated by BATS using the different exponents of travel time. Although employment figures decreased slightly between 1977 and 1978, the table shows a high degree of similarity between field data and simulated counts.

III. Predictive Run

Making the predictive run required only two changes in the input data. The calibration factors produced by the descriptive run were input and the load factor for buses on Card Type 9 was changed from 1.0 to 20.0. Thus, buses were predicted to carry 20 passengers from each zone serviced. The printout from this predictive run is included at the end of this appendix.

IV. Results

The result of increased use of commuter buses on Davis-Monthan AFB can be seen on Report I.1., "Network Summary Parameters for Time Period," on the last page of the predictive run printout. A summary of these results is compared with those of the descriptive run on Table E-2.

Table E-1

COMPARISON OF BATS AND FIELD DATA FOR DAVIS-MONTHAN AIR FORCE BASE

Intersection Identification	Approach Link	1977 Field Counts			1978 Base Automotive Transportation Simulation (BATS)								
					Exponent = 2, 2			Exponent = 3, 1			Exponent = 1, 2		
		Straight	Right	Left	Straight	Right	Left	Straight	Right	Left	Straight	Right	Left
#4 A and Fifth Street	#89 North	367	166	3	367	0	82	364	0	88	292	0	82
	#11 East		30	1		26	0		18	0	0	27	0
	#96 South	116			143			146			144		
	#10 West	1		24	3		5	3		7	2		4
#30 Wilmont & Runway 4	#167 North	655	124		609	117		609	117		462	263	
	#176 South	48		0	12		24	10		22	12		24
	# 70 West		26	23		111	90		109	92		243	87
#2 C and Craycroft	#13 East	62		3	24		0	23		0	33		0
	#100 South		33	120		70	204		65	207		133	120
	#6 West	115	1058		16	902		22	897		182	737	
#8 C and Fifth Street	#95 North	270	17	21	242	134		246	125		212	87	
	#19 East	421	15	107	162	9	0	145	15	0	113	51	0
	#118 South	82	30	9	156	3	0	151	3	0	115	3	1
	#18 West	59	10	17	20	0	10	20	0	12	23	0	8
#7 C and Third Street	#93 North	46	11		0	0		0	0		0	0	
	#17 East	247	13	151	264	0	0	245	0	0	182	0	1
	#116 South	13	42	1	0	1	0	0	1	0	0	1	0
	#16 West	46	2		31	0		32	0		31	0	
#18 I and Craycroft	#127 North	308	83	10	340	261	7	332	280	6	313	231	4
	#45 East	424	29	118	210	41	191	221	45	174	331	111	171
	#154 South	63	24	5	109	24	7	106	21	7	106	27	7
	#44 West	46	16	23	12	1	61	13	1	64	26	1	68
#17 I and Fifth Street	#121 North	396	7	0	240	51	6	225	62	5	195	48	5
	#43 East	276	49	136	310	30	122	347	22	116	423	17	103
	#150 South	118	36	0	137	23	70	134	24	64	109	32	63
	#42 West	23	16	3	54	4	31	55	3	35	58	3	29
#36 Yuma and Fifth St.	#151 North	315	78	143	205	111	34	193	94	35	195	68	36
	#86 East	64	66	9	16	101	0	15	103	0	14	123	0
	#178 South	157	7	2	79	16	7	74	15	6	68	17	6
	#62 West	24	8	18	25	8	29	24	8	28	25	9	25
#31 Yuma and Craycroft	#129 North	128	1	145	77	0	143	79	0	131	79	0	131
	#156 East	140	260	77	70	74	253	78	67	249	107	67	287
	#78 South	22	57	3	0	73	56	0	67	52	0	69	48
	#85 West	146	26	1	0	0	0	1	0	0	2	0	0

Table E-2

COMPARISON OF NETWORK SUMMARY PARAMETERS OF

THE DESCRIPTIVE AND PREDICTIVE RUNS

FOR DAVIS-MONTHAN AIR FORCE BASE

Parameter	Descriptive	Predictive
Total Travel Time on Network (vehicle hours)	272	256
Total Running Time in Parking Zones (vehicle hours)	211	202
Total Vehicle Miles Travelled on Network	6,498	6,144
Total Intersection Delay on Network (vehicle hours)	32	29
Total Stops at Intersections(Vehicles)	9,741	9,076
Total of Average Queue Lengths at Intersections	447	417

TABLE OF CONTENTS

A. INPUT DATA

1. INPUT LISTING

B. INITIALIZATION

1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

C. TRIP GENERATION

1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS (IPFLG(1)=1)

2. TRIP PRODUCTIONS (PERSONS) (IPFLG(1)=1)

3. TRIP ATTRACTIONS (PERSONS) (IPFLG(1)=1)

4. MATRIX ASSOCIATING ZONES WITH GATES(IPFLG(1)=1)

5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

D. TRIP DISTRIBUTION

1. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(2)>=1)

2. ORIGIN-DESTINATION ARRAY (IPFLG(2)=1)

3. ORIGIN-DESTINATION ARRAY FOR CIVILIAN VEHICLE TRIPS (IPFLG(2)=2)

4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (IPFLG(2)=4)

E. MODAL SPLIT

1. MODAL SPLIT VEHICLE LOAD FACTORS (IPFLG(3)=1)

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=1)

F. CALIBRATION

1. CALIBRATION FACTORS

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=2)

G. ASSIGNMENT

1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIME

(IPFLG(3)>=4)

2. VEHICLE COUNT, TYPE AND HOT/COLD STARTS (IPFLG(3)>0)

H. TRAFFIC FLOW ANALYSIS

1. LINK COUNTS (IPFLG(3)=0)

2. INTERSECTION DELAYS AND QUEUEING

3. PARKING LOT TRAVEL TIMES AND DELAYS

4. LINK TO LINK TRAVEL TIMES

I. SUMMARY

1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

POSSIBLE REPETITION OF A THROUGH I FOR EACH TIME PERIOD.

INTRODUCTION

THE U.S. AIR FORCE THROUGH A CONTRACTURAL ARRANGEMENT HAS DEVELOPED AN AIR BASE MOTOR VEHICLE MODEL THAT WILL SIMULATE A BASE TRAFFIC NETWORK USING AVAILABLE LAND USE, EMPLOYMENT, AND ENGINEERING DATA. THE MODEL WILL GRAPHICALLY REPRESENT AIR BASE MOTOR VEHICLE OPERATION ON VOLUME/FLOW MAPS, AND WILL OUTPUT A FILE OF TRAFFIC FLOWS FOR INPUT TO THE AQAM (AIR QUALITY ASSESSMENT) MODEL.1

A.1. INPUT LISTING: OF EACH DATA CARD - WITH MODIFICATIONS MADE BY SUBROUTINE INPT.

```
78/ 8/22      DAVIS-MONTHAN        AM RUSH DESCRIPTIVE-----
1 186  37  37  37   9   3  -0   1  -0  1610***700. 6.3600.   -0.   -0.22401*9*777
2  1    2  508550. 3561620. 508930. 3561240.  -0  40.    0    0  179   0.  10.00000  0.03550.0
2  2    1  508550. 3561620. 508930. 3561240.  -0  40.    4    0    0   0.  10.00000  0.03550.0
2  3    2  508930. 3561240. 511310. 3561240.  -0  40.    1    0    0   0.  10.00000  0.03550.0
2  4    2  508930. 3561240. 511310. 3561240.  -0  40.    0   89    0   0.  10.00000  0.03550.0
2  5    3  511810. 3561600. 512200. 3561180.  -0  30.  186    0    0   0.  10.00000  0.03550.0
2  6    2  511810. 3561600. 512200. 3561180.  -0  30.   14   99    0   0.  10.00000  0.03550.0
2  7    1  510870. 3561030. 511080. 3561040.  -0  25.    0    0    0   0.  10.00000  0.03550.0
2  8    1  510870. 3561030. 511080. 3561040.  -0  25.   10   93    0   0.  10.00000  0.03550.0
2  9    1  511080. 3561040. 511310. 3561040.  -0  25.    7    0   93   0.  10.00000  0.03550.0
2 10    1  511080. 3561040. 511310. 3561040.  -0  25.   12   95   90   0.  10.00000  0.03550.0
2 11    1  511310. 3561040. 511790. 3561040.  -0  25.    9   90   95   0.  10.00000  0.03550.0
2 12    1  511310. 3561040. 511790. 3561040.  -0  25.    0   97    0   0.  10.00000  0.03550.0
2 13    1  512200. 3561180. 512580. 3560830.  -0  30.    5    0    0   0.  10.00000  0.03550.0
2 14    1  512200. 3561180. 512580. 3560830.  -0  30.   36  135    0   0.  10.00000  0.03550.0
2 15    1  510870. 3560800. 511090. 3560810.  -0  25.    0   92  113   0.  10.00000  0.03550.0
2 16    1  510870. 3560800. 511090. 3560810.  -0  25.   18  115   94   0.  10.00000  0.03550.0
2 17    1  511090. 3560810. 511310. 3560820.  -0  25.   15   94  115   0.  10.00000  0.03550.0
2 18    1  511090. 3560810. 511310. 3560820.  -0  25.   20  117   96   0.  10.00000  0.03550.0
2 19    1  511310. 3560820. 511790. 3560820.  -0  25.   17   96  117   0.  10.00000  0.03550.0
2 20    1  511310. 3560820. 511790. 3560820.  -0  25.    0   22   98   0.  10.00000  0.03550.0
2 21    2  511790. 3560820. 511830. 3560790.  -0  25.    0   98   19   0.  10.00000  0.03550.0
2 22    2  511790. 3560820. 511830. 3560790.  -0  25.    0  125   24   0.  10.00000  0.03550.0
2 23    2  511830. 3560790. 511880. 3560780.  -0  30.    0   21  125   0.  10.00000  0.03550.0
2 24    2  511830. 3560790. 511880. 3560780.  -0  30.   26  131    0   0.  10.00000  0.03550.0
2 25    2  511880. 3560780. 512020. 3560780.  -0  30.   23    0  131   0.  10.00000  0.03550.0
2 26    2  511880. 3560780. 512020. 3560780.  -0  30.   28    0    0   0.  10.00000  0.03550.0
2 27    2  512020. 3560780. 512210. 3560980.  -0  30.   25    0    0   0.  10.00000  0.03550.0
2 28    2  512020. 3560780. 512210. 3560980.  -0  30.  100    0    0   0.  10.00000  0.03550.0
2 29    1  511550. 3560590. 511830. 3560590.  -0  25.    0    0  123   0.  10.00000  0.03550.0
2 30    1  511550. 3560590. 511830. 3560590.  -0  25.    0  127  126   0.  10.00000  0.03550.0
2 31    1  511300. 3560440. 511550. 3560440.  -0  25.    0  120  121   0.  10.00000  0.03550.0
2 32    1  511300. 3560440. 511550. 3560440.  -0  25.    0    0  124   0.  10.00000  0.03550.0
2 33    1  511200. 3559440. 511580. 3559070.  -0  25.    0    0    0   0.  10.00000  0.03550.0
2 34    1  511200. 3559440. 511580. 3559070.  -0  25.    0    0    0   0.  10.00000  0.03550.0
2 35    1  512580. 3560830. 512730. 3560680.  -0  30.   13    0  135   0.  10.00000  0.03550.0
2 36    1  512580. 3560830. 512730. 3560680.  -0  30.   56    0  106   0.  10.00000  0.03550.0
2 37    1  510670. 3560300. 510870. 3560300.  -0  25.    0    0    0   0.  10.00000  0.03550.0
2 38    1  510670. 3560300. 510870. 3560300.  -0  25.    0    0    0   0.  10.00000  0.03550.0
2 39    1  510870. 3560300. 511100. 3560300.  -0  25.    0  114  143   0.  10.00000  0.03550.0
2 40    1  510870. 3560300. 511100. 3560300.  -0  25.   42  145  116   0.  10.00000  0.03550.0
2 41    1  511100. 3560300. 511300. 3560310.  -0  25.   39  116  145   0.  10.00000  0.03550.0
2 42    1  511100. 3560300. 511300. 3560310.  -0  25.   44  149  122   0.  10.00000  0.03550.0
2 43    1  511300. 3560310. 511830. 3560330.  -0  25.   41  122  149   0.  10.00000  0.03550.0
2 44    1  511300. 3560310. 511830. 3560330.  -0  25.   46  153  128   0.  10.00000  0.03550.0
2 45    1  511830. 3560330. 511890. 3560330.  -0  25.   43  128  153   0.  10.00000  0.03550.0
2 46    1  511830. 3560330. 511890. 3560330.  -0  25.   48    0  132   0.  10.00000  0.03550.0
2 47    1  511890. 3560330. 512020. 3560330.  -0  25.   45  132    0   0.  10.00000  0.03550.0
2 48    1  511890. 3560330. 512020. 3560330.  -0  25.   50  157    0   0.  10.00000  0.03550.0
2 49    1  512020. 3560330. 512220. 3560330.  -0  25.   47    0  157   0.  10.00000  0.03550.0
2 50    1  512020. 3560330. 512220. 3560330.  -0  25.   52  159  136   0.  10.00000  0.03550.0
2 51    1  512220. 3560330. 512790. 3560370.  -0  15.   49  136  159   0.  10.00000  0.03550.0
2 52    1  512220. 3560330. 512790. 3560370.  -0  15.    0   68    0   0.  10.00000  0.03550.0
2 53    1  511330. 3559540. 511680. 3559160.  -0  25.  141   75   78   0.  10.00000  0.03550.0
2 54    1  511330. 3559540. 511680. 3559160.  -0  25.    0  178    0   0.  10.00000  0.03550.0
2 55    1  512730. 3560680. 513120. 3560310.  -0  30.   35  106    0   0.  10.00000  0.03550.0
2 56    1  512730. 3560680. 513120. 3560310.  -0  30.   70  165    0   0.  10.00000  0.03550.0
2 57    1  511100. 3560060. 511300. 3560060.  -0  25.    0  146  147   0.  10.00000  0.03550.0
```

2 58	1	511100.	3560060.	511300.	3560060.	-0	25.	0	151	150	0.	10.00000	0.03550.0
2 59	1	510900.	3559960.	511100.	3559920.	-0	25.	0	144	0	0.	10.00000	0.03550.0
2 60	1	510900.	3559960.	511100.	3559920.	-0	25.	62	0	148	0.	10.00000	0.03550.0
2 61	1	511100.	3559920.	511310.	3559850.	-0	15.	59	148	0	0.	10.00000	0.03550.0
2 62	1	511100.	3559920.	511310.	3559850.	-0	15.	64	177	152	0.	10.00000	0.03550.0
2 63	1	511310.	3559850.	511830.	3559890.	-0	25.	61	152	177	0.	10.00000	0.03550.0
2 64	1	511310.	3559850.	511830.	3559890.	-0	25.	0	129	134	0.	10.00000	0.03550.0
2 65	1	511830.	3559950.	512020.	3559950.	-0	25.	0	154	133	0.	10.00000	0.03550.0
2 66	1	511830.	3559950.	512020.	3559950.	-0	25.	0	0	158	0.	10.00000	0.03550.0
2 67	2	512790.	3560370.	512990.	3560190.	-0	25.	0	0	51	0.	10.00000	0.03550.0
2 68	2	512790.	3560370.	512990.	3560190.	-0	25.	72	0	166	0.	10.00000	0.03550.C
2 69	1	513120.	3560310.	513460.	3560000.	-0	30.	55	0	165	0.	10.00000	0.03550.0
2 70	1	513120.	3560310.	513460.	3560000.	-0	30.	0	175	168	0.	10.00000	0.03550.0
2 71	1	512990.	3560190.	513170.	3560030.	-0	25.	67	166	0	0.	10.00000	0.03550.0
2 72	1	512990.	3560190.	513170.	3560030.	-0	25.	0	173	0	0.	10.00000	0.03550.0
2 73	1	510830.	3559850.	510900.	3559960.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2 74	1	510830.	3559850.	510900.	3559960.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2 75	1	511580.	3559070.	511680.	3559160.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2 76	1	511580.	3559070.	511680.	3559160.	-0	25.	78	141	54	0.	10.00000	0.03550.0
2 77	1	511680.	3559160.	511850.	3559290.	-0	25.	75	54	141	0.	10.00000	0.03550.0
2 78	1	511680.	3559160.	511850.	3559290.	-0	25.	0	155	86	0.	10.00000	0.03550.0
2 79	1	511900.	3559220.	513170.	3559290.	-0	30.	0	156	171	0.	10.00000	0.03550.0
2 80	1	511900.	3559220.	513170.	3559290.	0	30.	82	0	174	0.	10.00000	0.03550.0
2 81	1	513170.	3559290.	513470.	3559250.	-0	30.	79	174	0	0.	10.00000	0.03550.0
2 82	1	513170.	3559290.	513470.	3559250.	-0	30.	84	0	176	0.	10.00000	0.03550.0
2 83	1	513470.	3559250.	514600.	3559250.	-0	30.	81	176	0	0.	10.00000	0.03550.0
2 84	1	513470.	3559250.	514600.	3559250.	-0	30.	0	0	0	0.	10.00000	0.03550.0
2 85	1	511310.	3559850.	511850.	3559290.	-0	25.	155	77	130	0.	10.00000	0.03550.0
2 86	1	511310.	3559850.	511850.	3559290.	-0	25.	61	152	177	0.	10.00000	0.03550.0
2 87	1	512040.	3558630.	512130.	3558710.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2 88	1	512040.	3558630.	512130.	3558710.	-0	25.	0	0	142	0.	10.00000	0.03550.0
2 89	2	511310.	3561040.	511310.	3561240.	-0	25.	95	9	12	0.	10.00000	0.03550.0
2 90	1	511310.	3561040.	511310.	3561240.	-0	25.	0	0	3	0.	10.00000	0.03550.0
2 91	1	510870.	3560800.	510870.	3561030.	-0	25.	113	0	16	0.	10.00000	0.03550.0
2 92	1	510870.	3560800.	510870.	3561030.	-0	25.	0	8	0	0.	10.00000	0.03550.0
2 93	1	511090.	3560810.	511080.	3561040.	-0	25.	115	15	18	0.	10.00000	0.03550.0
2 94	1	511090.	3560810.	511080.	3561040.	-0	25.	0	10	7	0.	10.00000	0.03550.0
2 95	1	511310.	3560820.	511310.	3561040.	-0	25.	117	17	20	0.	10.00000	0.03550.0
2 96	1	511310.	3560820.	511310.	3561040.	-0	25.	90	12	9	0.	10.00000	0.03550.0
2 97	1	511790.	3560820.	511790.	3561040.	-0	25.	0	19	22	0.	10.00000	0.03550.0
2 98	1	511790.	3560820.	511790.	3561040.	-0	25.	0	0	11	0.	10.00000	0.03550.0
2 99	2	512210.	3560980.	512200.	3561180.	-0	30.	27	0	0	0.	10.00000	0.03550.0
2100	2	512210.	3560980.	512200.	3561180.	-0	30.	0	14	5	0.	10.00000	0.03550.0
2101	1	512800.	3561060.	512940.	3561340.	-0	15.	103	0	0	0.	10.00000	0.03550.0
2102	1	512800.	3561060.	512940.	3561340.	-0	15.	0	0	0	0.	10.00000	0.03550.0
2103	1	512880.	3560830.	512820.	3561060.	-0	15.	0	105	108	0.	10.00000	0.03550.0
2104	1	512880.	3560830.	512820.	3561060.	-0	15.	102	0	0	0.	10.00000	0.03550.0
2105	1	512730.	3560680.	512880.	3560830.	-0	15.	0	35	56	0.	10.00000	0.03550.0
2106	1	512730.	3560680.	512880.	3560830.	-0	15.	0	108	104	0.	10.00000	0.03550.0
2107	1	512880.	3560830.	513120.	3560770.	-0	15.	0	104	105	0.	10.00000	0.03550.0
2108	1	512880.	3560830.	513120.	3560770.	-0	15.	110	0	0	0.	10.00000	0.03550.0
2109	1	513120.	3560770.	513350.	3560920.	-0	15.	107	0	0	0.	10.00000	0.03550.0
2110	1	513120.	3560770.	513350.	3560920.	-0	15.	0	0	0	0.	10.00000	0.03550.0
2111	1	510670.	3560300.	510650.	3561030.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2112	1	510670.	3560300.	510650.	3561030.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2113	1	510870.	3560300.	510870.	3560800.	-0	25.	143	0	40	0.	10.00000	0.03550.0
2114	1	510870.	3560300.	510870.	3560800.	-0	25.	92	16	0	0.	10.00000	0.03550.0
2115	1	511100.	3560300.	511090.	3560810.	-0	25.	145	39	42	0.	10.00000	0.03550.0
2116	1	511100.	3560300.	511090.	3560810.	-0	25.	94	18	15	0.	10.00000	0.03550.0
2117	1	511300.	3560600.	511310.	3560820.	-0	25.	119	0	0	0.	10.00000	0.03550.0
2118	1	511300.	3560600.	511310.	3560820.	-0	25.	96	20	17	0.	10.00000	0.03550.0

2119	1	511300.	3560440.	511300.	3560600.	-0	25.	121	0	32	0.	10.00000	0.03550.0
2120	1	511300.	3560440.	511300.	3560600.	-0	25.	118	0	0	0.	10.00000	0.03550.0
2121	1	511300.	3560310.	511300.	3560440.	-0	25.	149	41	44	0.	10.00000	0.03550.0
2122	1	511300.	3560310.	511300.	3560440.	-0	25.	120	32	0	0.	10.00000	0.03550.0
2123	1	511550.	3560440.	511550.	3560590.	-0	25.	0	31	0	0.	10.00000	0.03550.0
2124	1	511550.	3560440.	511550.	3560590.	-0	25.	0	30	0	0.	10.00000	0.03550.0
2125	1	511830.	3560590.	511830.	3560790.	-0	25.	127	29	0	0.	10.00000	0.03550.0
2126	2	511830.	3560590.	511830.	3560790.	-0	25.	21	24	0	0.	10.00000	0.03550.0
2127	1	511830.	3560330.	511830.	3560590.	-0	25.	153	43	46	0.	10.00000	0.03550.0
2128	2	511830.	3560330.	511830.	3560590.	-0	25.	126	0	29	0.	10.00000	0.03550.0
2129	1	511850.	3559290.	511830.	3559890.	-0	25.	77	86	155	0.	10.00000	0.03550.0
2130	1	511850.	3559290.	511830.	3559890.	-0	25.	134	0	63	0.	10.00000	0.03550.0
2131	1	511890.	3560330.	511880.	3560780.	-0	25.	0	45	48	0.	10.00000	0.03550.0
2132	1	511890.	3560330.	511880.	3560780.	-0	25.	0	26	23	0.	10.00000	0.03550.0
2133	1	511830.	3559890.	511830.	3559950.	-0	25.	129	63	0	0.	10.00000	0.03550.0
2134	1	511830.	3559890.	511830.	3559950.	-0	22.	154	66	0	0.	10.00000	0.03550.0
2135	1	512220.	3560330.	512580.	3560830.	-0	15.	159	49	52	0.	10.00000	0.03550.0
2136	1	512220.	3560330.	512580.	3560830.	-0	15.	0	36	13	0.	10.00000	0.03550.0
2137	1	511580.	3559070.	512040.	3558630.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2138	1	511580.	3559070.	512040.	3558630.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2139	1	510830.	3559850.	510670.	3560300.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2140	1	510830.	3559850.	510670.	3560300.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2141	1	511680.	3559160.	512130.	3558710.	-0	25.	0	87	0	0.	10.00000	0.03550.0
2142	1	511680.	3559160.	512130.	3558710.	-0	25.	54	78	75	0.	10.00000	0.03550.0
2143	1	510900.	3559960.	510870.	3560300.	-0	25.	0	0	60	0.	10.00000	0.03550.0
2144	1	510900.	3559960.	510870.	3560300.	-0	25.	114	40	0	0.	10.00000	0.03550.0
2145	1	511100.	3560060.	511100.	3560300.	-0	25.	147	0	58	0.	10.00000	0.03550.0
2146	1	511100.	3560060.	511100.	3560300.	-0	25.	116	42	39	0.	10.00000	0.03550.0
2147	1	511100.	3559920.	511100.	3560060.	-0	25.	0	59	62	0.	10.00000	0.03550.0
2148	1	511100.	3559920.	511100.	3560060.	-0	25.	146	58	0	0.	10.00000	0.03550.0
2149	1	511300.	3560060.	511300.	3560310.	-0	25.	151	57	0	0.	10.00000	0.03550.0
2150	1	511300.	3560060.	511300.	3560310.	-0	25.	122	44	41	0.	10.00000	0.03550.0
2151	1	511310.	3559850.	511300.	3560060.	-0	25.	177	61	64	0.	10.00000	0.03550.0
2152	1	511310.	3559850.	511300.	3560060.	-0	25.	150	0	57	0.	10.00000	0.03550.0
2153	1	511830.	3559950.	511830.	3560330.	-0	25.	133	0	66	0.	10.00000	0.03550.0
2154	1	511830.	3559950.	511830.	3560330.	-0	25.	128	46	43	0.	10.00000	0.03550.0
2155	1	511850.	3559290.	511900.	3559220.	-0	25.	171	0	80	0.	10.00000	0.03550.0
2156	1	511850.	3559290.	511900.	3559220.	-0	25.	86	130	77	0.	10.00000	0.03550.0
2157	1	512020.	3559950.	512020.	3560330.	-0	15.	0	65	0	0.	10.00000	0.03550.0
2158	1	512020.	3559950.	512020.	3560330.	-0	15.	0	50	47	0.	10.00000	0.03550.0
2159	1	512220.	3561090.	512220.	3560330.	-0	15.	161	0	0	0.	10.00000	0.03550.0
2160	1	512220.	3561090.	512220.	3560330.	-0	15.	136	52	49	0.	10.00000	0.03550.0
2161	1	512220.	3561090.	512560.	3559790.	-0	15.	0	0	0	0.	10.00000	0.03550.0
2162	1	512220.	3561090.	512560.	3559790.	-0	15.	160	0	0	0.	10.00000	0.03550.0
2163	1	512560.	3559790.	512990.	3560190.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2164	1	512560.	3559790.	512990.	3560190.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2165	1	512990.	3560190.	513120.	3560310.	-0	25.	0	67	72	0.	10.00000	0.03550.0
2166	1	512990.	3560190.	513120.	3560310.	-0	25.	0	70	55	0.	10.00000	0.03550.0
2167	1	513460.	3560000.	513460.	3560320.	-0	30.	175	69	0	0.	10.00000	0.03550.0
2168	1	513460.	3560000.	513460.	3560320.	-0	30.	184	0	0	0.	10.00000	0.03550.0
2169	1	510830.	3559850.	511200.	3559440.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2170	1	510830.	3559850.	511200.	3559440.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2171	1	511900.	3559220.	512290.	3558840.	-0	40.	0	0	0	0.	10.00000	0.03550.0
2172	1	511900.	3559220.	512290.	3558840.	-0	40.	156	80	0	0.	10.00000	0.03550.0
2173	1	513170.	3559290.	513170.	3560030.	-0	15.	0	79	82	0.	10.00000	0.03550.0
2174	1	513170.	3559290.	513170.	3560030.	-0	15.	71	0	0	0.	10.00000	0.03550.0
2175	1	513470.	3559250.	513460.	3560000.	-0	30.	0	81	84	0.	10.00000	0.03550.0
2176	1	513470.	3559250.	513460.	3560000.	-0	30.	168	0	69	0.	10.00000	0.03550.0
2177	1	511330.	3559540.	511310.	3559850.	-0	15.	0	0	53	0.	10.00000	0.03550.0
2178	1	511330.	3559540.	511310.	3559850.	-0	15.	152	64	61	0.	10.00000	0.03550.0
2179	1	508500.	3561620.	508550.	3561620.	-0	40.	0	0	0	0.	10.00000	0.03550.0

```
2180    1   508500.  3561620.   508550.  3561620.   -0  40.    0    2    0   0.  10.00000   0.03550.0
2181    1   511810.  3561600.   513460.  3561600.   -0  30.    0  186    6   0.  10.00000   0.03550.0
2182    1   511810.  3561600.   513460.  3561600.   -0  30.    0  183    0   0.  10.00000   0.03550.0
2183    1   513460.  3560320.   513460.  3561600.   -0  30.  167    0    0   0.  10.00000   0.03550.0
2184    1   513460.  3560320.   513460.  3561600.   -0  30.    0    0  181   0.  10.00000   0.03550.0
2185    2   511750.  3561680.   511810.  3561600.   -0  30.    6    0  182   0.  10.00000   0.03550.0
2186    3   511750.  3561680.   511810.  3561600.   -0  30.    0    0    0   0.  10.00000   0.03550.0
3  1  185  181    5    0    2  120 15. 15. -0. -0.  3.2400.2400.2400.  -0.
3  2    0   13  100    6    0   -0 -0. -0. -0. -0. -0.  -0.2400.  -0.  -0.
3  3    0    9   94    8   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  4   89   11   96   10   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  5   91   15  114    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  6    0   35  136   14   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  7   93   17  116   16   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  8   95   19  118   18    1   60 29. 31.  0.  0.  4.  -0.2400.  -0.  -0.
3  9   97   21    0   20   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 10    0   23  126   22    3  110  0. 54. 12. 32.  3.   0.2400.2400.2400.
3 11    0   25  132   24   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 12  125    0  128   30   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 13  119   31  122    0   -3   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 14   36  105   55    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 15  113   39  144    0   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 16  115   41  146   40   -2   -0 -0. -0. -0. -0. -0.2400.2400.2400.2400.
3 17  121   43  150   42    1   60 30. 30.  0.  0.  2.  -0.2400.  -0.2400.
3 18  127   45  154   44    1   60 30. 30.  0.  0.  3.2400.2400.2400.2400.
3 19  131   47    0   46   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 20    0   49  158   48   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 21  135   51  160   50   -4   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 22   53   77  142   76   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 23   56    0   69  166   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 24  145   57  148    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 25  149    0  152   56   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 26  147   61    0   60   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 27  133    0  130   64   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 28  153   65  134    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 29  165   71    0   68   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 30  167    0  176   70   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.2400.
3 31  129  156   78   85   -4   -0 -0. -0. -0. -0. -0.2400.  -0.  -0.  -0.
3 32   79  172    0  155   -1   -0 -0. -0. -0. -0. -0.2400.  -0.  -0.  -0.
3 33  173   81    0   80   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 34  175   83    0   82   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 35  103  107    0  106   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 36  151    0   86   62   -3   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 37    0   63  178    0   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
4 A72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 183 184 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 B72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 185 186 183 184  -0  -0  -0  -0  -0  -0  -0  -0
4 C72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 185 186 183 184  -0  -0  -0  -0  -0  -0  -0  -0
4 D72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 183 184 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 E72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186 183 184  -0  -0  -0  -0  -0  -0
4 F72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186 183 184  -0  -0  -0  -0  -0  -0
4 G72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186 183 184  -0  -0  -0  -0  -0  -0
4 H72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 I72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 J72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0.-0. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 K72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0.-0. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 L72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0.-0. 6 179 180 183 184 185 186  -0  -0  -0  -0  -0  -0
4 160.14.-0.-0. 1. 3.18.50. 9.21. 1.-0.-0.10  -8 -10 -12 -97 -22 -24 -26 -28-100  -5  89  90
4 267.19.-0.-0.-0. 5. 4.60.18.18.-0.-0. 1. 4 111 -38 114  92  91 113 112  -0  -0  -0  -0  -0
4 367.19.-0.-0.-0. 5.-0.41.-0.59.-0.-0. 1. 4 139 -74 144 -37 143 140  -0  -0  -0  -0  -0  -0
4 467.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 4  16  94   7  91  92   8  93  15  -0  -0  -0  -0
4 567.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 4  18  96   9  93  94  10  95  17  -0  -0  -0  -0
```

```
4 667.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 4  40 116  15 113 114  16 115  39  -0  -0  -0  -0
4 767.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 6  42-122 120 118  17 115 116  18 117 119  41  -0
4 877.19.-0. 1. 1. 2.-0.-0. 9.21. 1.-0.-0. 4  20  98  11  95  96  12  97  19  -0  -0  -0  -0
4 979.19.-0.-0.-0. 2.-0.50.50.-0.-0.-0. 1. 8  32-124  30 126 -21  19 117-119  31 118  20  29
41079.16.-0. 1. 1. 3.99.-0.-0.-0. 1.-0.-0. 6  44 128  29 123  31 121 122  32 124  30 127  43
41181.16.-0.-0.-0. 3.-0.88.-0.12.-0.-0.-0. 6 -25 -23-125 127 -46  48  47 128 131 132  -0  -0
41273.21.-0.-0. 1. 5.-0.50. 9.21. 1.-0.-0. 9 -50  52  68-166 -55 -35 -13 -99 -27  51 135 136
41363.14.-0. 2. 2. 9.10.45.-0.45.-0.-0. 1. 5  60-148 146  39 143 144  40 145  59  -0  -0  -0
41466.15.-0.-0.-0. 9.99.-0.-0.-0.-0.-0. 1. 4  58 150  41 145 146  42 149  57  -0  -0  -0  -0
41564.26.-0.-0.-0. 0. 2.82.-0.16.-0.-0. 1. 4 -62 152  57 147 148  58 151  -0  -0  -0  -0  -0
41662.26.-0.-0.-0. 2. 7.49.31.13.-0.-0. 1. 6  64-134 154  43 149 151 152 150  44 153  63  -0
41763.24.-0.-0.-0. 3.18.50. 9.21. 1.-0. 1. 5 158  47 -45 153  66  65 154  48 157  -0  -0  -0
41846.32.-0.-0.-0.10.18.50. 9.21. 1.-0. 1. 5 -65-133  63  85-155  86  64 129 130  -0  -0  -0
41973.21.-0.-0. 1. 5.18.50. 9.21. 1.-0. 1. 5-164 -67  51 -49-157  52 159 160 161 162  -0  -0
42067.21.-0.-0.-0. 5. 7.44.-0.49.-0.-0. 1. 5 178  61 -59 -73-169  62 177  -0  -0  -0  -0  -0
42160.25.-0.-0.-0. 8.17.54. 2.17.10.-0. 1. 5 -33  78  78 -86 177 178  77  75  -0  -0  -0  -0
42268.21.-0.-0.-0. 7. 6.47.-0.47.-0.-0. 1. 6-172-156  77  75-137  88  87  76  78  -0  -0  -0
42370.21.-0.-0.-0. 5.-0.91. 9.-0.-0.-0. 1. 6 -82 176 -69 165  72 173 174  71 166 175  -0  -0
42473.21.-0.-0. 1. 5.11.65. 3.19. 2.-0.-0. 1  83  84  -0  -0  -0  -0  -0  -0  -0  -0  -0  -0
42564.21.-0.-0. 1. 5. 7.41.27.21. 4.-0. 1. 8  -6  14 -36  56  70-168-184-181  69  55  13  -0
5 A5 680. 720.      -0.      -0.     776.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 B51080.1080.      -0.      -0.     905.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 C5 480. 480.      -0.      -0.    1293.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 D5 880. 850.      -0.      -0.     323.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 E5 450. 480.      -0.      -0.     776.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 F5 880. 900.      -0.      -0.     129.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 G51500.1920.      -0.      -0.     517.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 H5 720.1050.      -0.      -0.     323.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 I5 480. 960.      -0.      -0.     388.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 J5 840.1320.      -0.      -0.     647.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 K51020.1500.      -0.      -0.     259.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 L51140.1620.      -0.      -0.     194.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 12  24.   -0.      10.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 27 335.   -0.     575.       9.      -0.      -0.      -0.      -0.      -0.      -0.  -0.  138099.
5 37 216.   -0.     635.       9.      -0.      -0.      -0.      -0.      -0.      -0.  -0.  154470.
5 46  14.   -0.       0.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 56   0.   -0.       0.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 66 645.   -0.     158.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 76 589.   -0.      28.      89.      -0.      -0.       8.      -0.      -0.      -0.  -0.      -0.
5 83 833.   -0.       1.       0.      -0.      -0.      -0.     176.      -0.      -0.  -0.      -0.
5 94 614.   -0.      85.      44.      -0.      -0.      -0.      -0.      -0.     129.  -0.    6025.
5103 913.   -0.      15.     106.      -0.      -0.      -0.     180.      -0.      -0.  -0.   14711.
5111 417.   -0.       0.      75.      -0.     214.       8.      -0.      -0.      75.  -0.  110947.
5121  51.   -0.       0.       0.     138.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5136 501.   -0.      92.      17.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   69022.
5143 346.   -0.     190.      46.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5156 152.   -0.     238.     215.      -0.      -0.      -0.      -0.      -0.      -0.  -0.  518447.
51611160.   -0.      -0.      -0.      -0.     643.      -0.      -0.      -0.      -0.  -0.1620355.
5174 172.   -0.       0.       2.      -0.      -0.      -0.      -0.      -0.       2.  -0.      -0.
5184 560.   -0.      70.      45.      -0.      -0.      -0.      -0.      -0.      45.  -0.      -0.
5191   0.   -0.       0.       0.     202.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
52071035.   -0.    1297.       3.      -0.      -0.      -0.      -0.      -0.      -0.  -0.  221067.
5217 954.   -0.     514.      12.      -0.      -0.      -0.      -0.      -0.      -0.  -0.  769424.
5227 551.   -0.     221.      22.      -0.      -0.      -0.      -0.      -0.      -0.  -0.  301423.
5234 431.   -0.     435.       6.      -0.      -0.      -0.      -0.     318.      -0.  -0.   48131.
5242   0.   -0.     249.     834.      -0.      -0.      -0.      -0.      -0.      -0.  -0.1214381.
5251   0.   -0.       0.       0.     355.      -0.      -0.      -0.      -0.      -0.  -0.  379633.
6HOME-WORK   .99 .990 1   .0500  .7000* 2  .0500  .7000* 3  .5600  .0400* 4  .5600  .0400
6HOME        .99 .991-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
6INDUSTRIAL  .50 .502-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
6SHOPPING    .10 .103 6   .8300  .8300*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
```

```
6SERV/REC    .10 .104 5 2.0000 2.00004 7  .2400  .24004 8  .8900  .8900*-0-0.0000-0.0000
6EXTERNAL    .80 .205-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
6ADMIN.      .50 .506-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
6FLT.LINE    .50 .507-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
6MILITARY    .90 .90010  .0001  .0001*-0-0.0000-0.0000*-0-0.0000-0.0000*-0-0.0000-0.0000
7  1    5    6 149. 917.  41.  46.  32.  30. 250. 285. 195. 187.
7  2  168  167  98. 723.  22.  33.  25.  18. 165. 242. 185. 131.
7  3    1    2 173. 370.  48.  53.  40.  32. 102. 114.  86.  68.
9 1.20 1.20 1.00 1.00 1.00 1.00 1.20 1.20 1.00 1.00 1.00 1.00 1.00 800.
1110701   0. 143. 315.   0.   0.  44.  11.   1.  30.  17.   3.   0.  29. 220. 453. 145.   0.  16.
          0. 665. 333.  41. 395. 887.   0.
1110711   0.   2.   0.   0.   0.   0.   4.   0.  38.  43.   0.   0.   0.   0.   0.  45.   0.   2.
          0.   0.   0. 120.   0.  19.   0.
1110731   0. 304.  30.   0.   0.   0.  77.   0.   2.   0.   0.   0.   0.   0.   0.  18.   0.   1.
          0. 116.  46.  62.   0.  14.   0.
1110741   0.   0.   0.   0.   0.   0.   0.   0.   0.   3.   0.   0.   0.   0.   0.   0.   0.   0.
          0.   0.   0.   0.   0.   0.   0.
1120701   0.  15.  62.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   2.   0.  24.   0.   5.
          0. 114.  53.  41.   0.   4.   0.
1120711   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
          0.   0.   0.   0.   0.   0.   0.
1120731   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
          0.  27.   2.  10.  21.   0.   0.
1120741   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
          0.   0.   0.   0.   0.   0.   0.

2  -0.   -0. 1000.   0.   0.   0.   0.   6    1  -0.   -0.
T1=   4.019    T2=  10.904    T2-T1=   6.885
```

B. INITIALIZATION DAVIS-MONTHAN

AM RUSH DESCRIPTIVE-----

B.1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

ZONE	CAPACITY	LENGTH	TRAVEL TIME	ALTERNATE TRAVEL TIME
A	-0.	1281.	680.	720.
B	-0.	1281.	1080.	1080.
C	-0.	1280.	480.	480.
D	-0.	1281.	880.	850.
E	-0.	104.	450.	480.
F	-0.	109.	880.	900.
G	-0.	115.	1500.	1920.
H	-0.	107.	720.	1050.
I	-0.	105.	480.	960.
J	-0.	108.	840.	1320.
K	-0.	110.	1020.	1500.
L	-0.	1281.	1140.	1620.
1	24.	575.	90.	90.
2	335.	746.	116.	116.
3	216.	493.	77.	77.
4	14.	232.	36.	36.
5	1516.	450.	70.	70.
6	645.	552.	86.	86.
7	589.	549.	86.	86.
8	833.	538.	84.	84.
9	614.	523.	82.	82.
10	913.	588.	92.	92.
11	417.	314.	49.	49.
12	51.	574.	90.	90.
13	501.	390.	61.	61.
14	346.	296.	46.	46.
15	152.	244.	38.	38.
16	1160.	603.	94.	94.
17	172.	395.	62.	62.
18	560.	802.	125.	125.
19	11856.	587.	92.	92.
20	1035.	615.	96.	96.
21	954.	819.	128.	128.
22	551.	665.	104.	104.
23	431.	769.	120.	120.
24	1759.	1130.	177.	177.
25	40629.	2472.	386.	386.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	124.	0.	88.	52.	85.	0.	34.
INDS	8.	0.	11.	12.	0.	5.	17.
SHOP	54.	8.	44.	28.	51.	32.	79.
SERV	96.	18.	29.	42.	25.	16.	7.
EXTN	88.	0.	51.	43.	0.	0.	0.
ADMN	18.	0.	14.	21.	0.	0.	26.
FLTL	91.	0.	58.	35.	0.	23.	0.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 800. HOURS

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	435	10	0	6	5	0	0	0	0	456
B	EXTN	507	12	0	7	6	0	0	0	0	532
C	EXTN	724	17	0	10	9	0	0	0	0	760
D	EXTN	181	4	0	3	2	0	0	0	0	190
E	EXTN	435	10	0	6	5	0	0	0	0	456
F	EXTN	72	2	0	1	1	0	0	0	0	76
G	EXTN	290	7	0	4	3	0	0	0	0	304
H	EXTN	181	4	0	3	2	0	0	0	0	190
I	EXTN	217	5	0	3	3	0	0	0	0	228
J	EXTN	362	9	0	5	4	0	0	0	0	380
K	EXTN	145	4	0	2	2	0	0	0	0	153
L	EXTN	109	3	0	2	1	0	0	0	0	115
1	INDS	1	0	0	0	0	0	0	0	0	1
2	FLTL	29	13	0	8	5	0	3	0	17	75
3	FLTL	32	14	0	9	5	0	4	0	19	83
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	8	1	0	1	2	0	0	2	0	14
7	ADMN	5	6	0	5	7	0	0	9	0	32
8	SHOP	0	7	1	5	4	6	4	10	0	37
9	SERV	6	28	5	8	12	7	5	2	1	74
10	SHOP	6	30	4	25	16	29	18	45	2	175
11	HOME	124	68	0	46	28	47	0	19	13	347
12	HOME	77	4	0	3	2	3	0	1	0	90
13	ADMN	6	2	0	1	2	0	0	2	8	21
14	SHOP	12	16	2	13	9	16	10	24	0	102
15	ADMN	23	9	0	7	10	0	0	13	62	124
16	HOME	360	31	0	22	13	22	0	9	194	651
17	SERV	0	1	0	0	0	0	0	0	0	1
18	SERV	6	16	3	5	7	4	3	1	0	45
19	HOME	113	6	0	4	2	4	0	2	0	131
20	FLTL	65	18	0	11	7	0	5	0	27	133
21	FLTL	27	26	0	17	10	0	7	0	92	179
22	FLTL	12	20	0	13	8	0	5	0	36	94
23	SERV	22	51	10	16	23	14	9	4	6	155
24	INDS	54	8	0	11	12	0	5	17	146	253
25	HOME	199	14	0	10	6	10	0	4	46	289
TOTAL		4845	476	25	294	233	162	78	164	669	6946

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 800. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	31	0	0	0	0	28	0	0	0	59
B	EXTN	36	0	0	0	0	33	0	0	0	69
C	EXTN	52	0	0	0	0	47	0	0	0	99
D	EXTN	13	0	0	0	0	12	0	0	0	25
E	EXTN	31	0	0	0	0	28	0	0	0	59
F	EXTN	5	0	0	0	0	5	0	0	0	10
G	EXTN	21	0	0	0	0	19	0	0	0	40
H	EXTN	13	0	0	0	0	12	0	0	0	25
I	EXTN	16	0	0	0	0	14	0	0	0	30
J	EXTN	26	0	0	0	0	24	0	0	0	50
K	EXTN	10	0	0	0	0	9	0	0	0	19
L	EXTN	8	0	0	0	0	7	0	0	0	15
1	INDS	7	0	1	0	0	0	0	0	0	8
2	FLTL	408	0	0	0	0	0	0	35	17	460
3	FLTL	450	0	0	0	0	0	0	38	19	507
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	111	0	0	0	0	0	9	0	0	120
7	ADMN	82	0	0	0	0	0	41	0	0	123
8	SHOP	1	0	0	146	0	0	0	0	0	147
9	SERV	90	0	0	0	115	0	0	0	1	206
10	SHOP	84	0	0	149	0	0	0	0	2	235
11	HOME	61	264	0	0	0	0	0	0	13	338
12	HOME	6	16	0	0	0	0	0	0	0	22
13	ADMN	76	0	0	0	0	0	11	0	8	95
14	SHOP	165	0	0	0	0	0	0	0	0	165
15	ADMN	317	0	0	0	0	0	62	0	62	441
16	HOME	26	121	0	0	0	0	0	0	194	341
17	SERV	1	0	0	0	2	0	0	0	0	3
18	SERV	80	0	0	0	40	0	0	0	0	120
19	HOME	8	23	0	0	0	0	0	0	0	31
20	FLTL	910	0	0	0	0	0	0	49	27	986
21	FLTL	368	0	0	0	0	0	0	71	92	531
22	FLTL	170	0	0	0	0	0	0	55	36	261
23	SERV	308	0	0	0	76	0	0	0	6	390
24	INDS	758	0	51	0	0	0	0	0	146	955
25	HOME	14	55	0	0	0	0	0	0	46	115
TOTAL		4763	479	52	295	233	238	123	248	669	7100

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	435	10	0	6	5	0	0	0	0	456
B	EXTN	507	12	0	7	6	0	0	0	0	532
C	EXTN	724	17	0	10	9	0	0	0	0	760
D	EXTN	181	4	0	3	2	0	0	0	0	190
E	EXTN	435	10	0	6	5	0	0	0	0	456
F	EXTN	72	2	0	1	1	0	0	0	0	76
G	EXTN	290	7	0	4	3	0	0	0	0	304
H	EXTN	181	4	0	3	2	0	0	0	0	190
I	EXTN	217	5	0	3	3	0	0	0	0	228
J	EXTN	362	9	0	5	4	0	0	0	0	380
K	EXTN	145	4	0	2	2	0	0	0	0	153
L	EXTN	109	3	0	2	1	0	0	0	0	115
1	INDS	1	0	0	0	0	0	0	0	0	1
2	FLTL	29	13	0	8	5	0	3	0	17	75
3	FLTL	32	14	0	9	5	0	4	0	19	83
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	8	1	0	1	2	0	0	2	0	14
7	ADMN	5	6	0	5	7	0	0	9	0	32
8	SHOP	0	7	1	5	4	6	4	10	0	37
9	SERV	6	28	5	8	12	7	5	2	1	74
10	SHOP	6	30	4	25	16	29	18	45	2	175
11	HOME	124	68	0	48	28	47	0	19	13	347
12	HOME	77	4	0	3	2	3	0	1	0	90
13	ADMN	6	2	0	1	2	0	0	2	8	21
14	SHOP	12	16	2	13	9	16	10	24	0	102
15	ADMN	23	9	0	7	10	0	0	13	62	124
16	HOME	360	31	0	22	13	22	0	9	194	651
17	SERV	0	1	0	0	0	0	0	0	0	1
18	SERV	6	16	3	5	7	4	3	1	0	45
19	HOME	113	6	0	4	2	4	0	2	0	131
20	FLTL	65	18	0	11	7	0	5	0	27	133
21	FLTL	27	26	0	17	10	0	7	0	92	179
22	FLTL	12	20	0	13	8	0	5	0	36	94
23	SERV	22	51	10	16	23	14	9	4	6	155
24	INDS	54	8	0	11	12	0	5	17	146	253
25	HOME	199	14	0	10	6	10	0	4	46	289
TOTAL		4845	476	25	294	233	162	78	164	669	6946

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	31	0	0	0	0	28	0	0	0	59
B	EXTN	36	0	0	0	0	33	0	0	0	69
C	EXTN	52	0	0	0	0	47	0	0	0	99
D	EXTN	13	0	0	0	0	12	0	0	0	25
E	EXTN	31	0	0	0	0	28	0	0	0	59
F	EXTN	5	0	0	0	0	5	0	0	0	10
G	EXTN	21	0	0	0	0	19	0	0	0	40
H	EXTN	13	0	0	0	0	12	0	0	0	25
I	EXTN	16	0	0	0	0	14	0	0	0	30
J	EXTN	26	0	0	0	0	24	0	0	0	50
K	EXTN	10	0	0	0	0	9	0	0	0	19
L	EXTN	8	0	0	0	0	7	0	0	0	15
1	INDS	7	0	1	0	0	0	0	0	0	8
2	FLTL	408	0	0	0	0	0	0	35	17	460
3	FLTL	450	0	0	0	0	0	0	38	19	507
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	111	0	0	0	0	0	9	0	0	120
7	ADMN	82	0	0	0	0	0	41	0	0	123
8	SHOP	1	0	0	146	0	0	0	0	0	147
9	SERV	90	0	0	0	115	0	0	0	1	206
10	SHOP	84	0	0	149	0	0	0	0	2	235
11	HOME	61	264	0	0	0	0	0	0	13	338
12	HOME	6	16	0	0	0	0	0	0	0	22
13	ADMN	76	0	0	0	0	0	11	0	8	95
14	SHOP	165	0	0	0	0	0	0	0	0	165
15	ADMN	317	0	0	0	0	0	62	0	62	441
16	HOME	26	121	0	0	0	0	0	0	194	341
17	SERV	1	0	0	0	2	0	0	0	0	3
18	SERV	80	0	0	0	40	0	0	0	0	120
19	HOME	8	23	0	0	0	0	0	0	0	31
20	FLTL	910	0	0	0	0	0	0	49	27	986
21	FLTL	368	0	0	0	0	0	0	71	92	531
22	FLTL	170	0	0	0	0	0	0	55	36	261
23	SERV	306	0	0	0	78	0	0	0	6	390
24	INDS	758	0	51	0	0	0	0	0	146	955
25	HOME	14	55	0	0	0	0	0	0	46	115
TOTAL		4763	479	52	295	233	238	123	248	669	7100

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

COLD START FRACTION

ZONE	FCS
A	.97
B	.97
C	.97
D	.97
E	.97
F	.97
G	.97
H	.97
I	.97
J	.97
K	.97
L	.97
1	.99
2	.80
3	.80
4	0.00
5	0.00
6	.73
7	.52
8	.45
9	.59
10	.46
11	.66
12	.91
13	.78
14	.50
15	.77
16	.86
17	.99
18	.61
19	.92
20	.83
21	.79
22	.73
23	.62
24	.81
25	.89

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

D.1. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (PERSONS)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG
A	263.	41.	170.	15.	23.	3.	0.	0.	
B	307.	48.	198.	17.	27.	4.	0.	0.	
C	440.	68.	283.	26.	38.	5.	0.	0.	
D	110.	17.	70.	6.	10.	1.	0.	0.	
E	258.	40.	168.	15.	30.	4.	0.	0.	
F	43.	7.	28.	2.	5.	1.	0.	0.	
G	171.	27.	112.	10.	21.	3.	0.	0.	
H	108.	17.	70.	6.	13.	2.	0.	0.	
I	129.	21.	84.	7.	15.	2.	0.	0.	
J	215.	34.	139.	12.	25.	4.	0.	0.	
K	87.	13.	56.	5.	10.	1.	0.	0.	
L	65.	10.	42.	4.	8.	1.	0.	0.	
1	0.	4.	0.	0.	0.	1.	1.	2.	
2	5.	277.	0.	23.	2.	32.	69.	128.	
3	5.	275.	1.	53.	2.	37.	76.	141.	
4	0.	0.	0.	0.	0.	0.	0.	0.	
5	0.	0.	0.	0.	0.	0.	0.	0.	
6	1.	77.	0.	5.	0.	8.	12.	30.	
7	1.	59.	0.	3.	0.	5.	31.	56.	
8	8.	25.	0.	0.	1.	1.	31.	120.	
9	11.	91.	0.	2.	1.	2.	66.	112.	
10	40.	89.	2.	4.	2.	2.	145.	141.	
11	93.	94.	2.	3.	2.	1.	273.	240.	
12	16.	6.	5.	2.	0.	0.	70.	14.	
13	1.	48.	0.	8.	0.	6.	20.	33.	
14	18.	106.	2.	16.	6.	12.	83.	31.	
15	3.	194.	1.	40.	1.	24.	119.	183.	
16	95.	38.	8.	4.	9.	1.	550.	298.	
17	0.	1.	0.	0.	0.	0.	1.	2.	
18	5.	52.	1.	18.	1.	3.	40.	48.	
19	7.	2.	24.	9.	0.	0.	102.	20.	
20	9.	517.	2.	155.	3.	67.	119.	246.	
21	3.	148.	2.	131.	1.	19.	173.	232.	
22	1.	67.	1.	68.	0.	3.	91.	123.	
23	0.	3.	25.	262.	0.	0.	136.	126.	
24	0.	16.	12.	599.	0.	0.	241.	339.	
25	22.	7.	37.	14.	0.	0.	235.	94.	

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	D	E	F	G	H	I	J	K	L
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	2	0	0	1	1	4	2	4	7	0	0	1	6	8	0	1	1	6	4	2	4	8	2	1	1	1	0	1	0	1	0	0	1	0	0
3	0	2	3	0	0	1	1	4	3	5	8	0	0	1	6	10	0	1	1	6	5	2	4	3	3	1	1	1	0	1	0	1	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	1	0	0	0	0	2	3	3	3	0	0	0	0	2	0	1	0	3	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	2	0	0	0	1	2	2	3	4	0	0	0	2	2	0	1	0	2	3	2	1	1	1	1	1	2	0	1	0	1	0	1	1	0	0
9	0	0	0	0	0	0	2	4	6	4	15	1	0	0	3	7	0	2	1	1	1	0	4	6	3	1	2	2	1	1	0	1	1	1	1	0	0
10	0	6	7	0	0	1	6	12	8	13	17	1	2	0	9	9	0	3	1	10	13	10	5	5	3	5	6	9	2	5	1	4	2	3	4	2	1
11	0	12	13	0	0	2	2	24	16	26	36	2	2	4	8	22	0	7	3	25	15	9	16	19	9	11	13	19	5	11	2	8	5	6	10	4	3
12	0	5	6	0	0	1	1	1	2	3	3	0	1	2	4	1	0	1	0	12	5	2	5	10	0	3	3	4	1	3	0	2	1	1	2	1	1
13	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	3	0	0	0	1	2	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	4	5	0	0	1	3	6	4	7	9	1	1	0	6	4	0	2	1	7	8	5	4	4	2	3	4	5	1	3	1	2	1	2	3	1	1
15	0	6	6	0	0	0	0	3	5	4	6	0	1	1	7	20	0	2	0	10	14	7	5	17	5	1	1	1	0	1	0	0	0	0	1	0	0
16	0	31	35	0	0	7	5	11	12	17	25	1	7	10	38	66	0	7	2	67	53	23	25	89	18	13	15	22	6	13	2	9	6	7	11	4	3
17	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	2	3	3	9	1	0	0	2	4	0	1	1	1	0	0	2	4	2	1	1	1	0	1	0	1	0	0	1	0	0
19	0	8	9	0	0	2	2	2	3	4	4	0	1	3	6	3	0	2	0	18	8	3	7	15	1	4	4	6	2	4	1	2	1	2	3	1	1
20	0	6	6	0	0	1	3	5	4	7	12	1	1	2	10	13	0	2	1	11	8	3	6	15	4	2	2	3	1	2	0	1	1	1	1	1	0
21	0	4	5	0	0	2	2	8	5	9	16	1	2	1	14	34	0	2	1	8	15	6	5	24	9	1	1	1	0	1	0	0	0	0	1	0	0
22	0	2	2	0	0	0	2	6	4	7	12	1	0	0	7	15	0	1	1	3	6	2	4	10	4	0	0	1	0	0	0	0	0	0	0	0	0
23	0	3	3	0	0	1	3	8	11	8	28	2	1	1	7	15	0	4	2	4	3	2	9	14	6	3	4	5	1	3	1	2	1	1	2	1	1
24	0	10	11	0	0	1	3	5	7	7	8	0	3	2	20	44	0	3	0	17	28	14	8	39	11	1	2	2	1	1	0	1	1	1	1	0	0
25	0	16	17	0	0	4	3	5	6	8	11	0	4	6	15	18	0	4	1	34	20	9	13	36	6	7	8	12	3	7	1	5	3	3	6	2	2
A	1	39	43	0	0	11	8	3	11	11	12	1	7	16	30	5	0	9	1	87	35	16	32	74	3	0	0	0	0	0	0	0	0	0	0	0	0
B	1	46	50	0	0	12	9	4	13	13	14	1	9	19	36	6	0	10	1	102	41	19	37	86	3	0	0	0	0	0	0	0	0	0	0	0	0
C	1	65	72	0	0	16	13	5	19	19	19	2	12	26	51	9	0	14	2	146	59	27	53	123	4	0	0	0	0	0	0	0	0	0	0	0	0
D	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	36	15	7	13	31	1	0	0	0	0	0	0	0	0	0	0	0	0
E	1	39	44	0	0	11	8	3	11	11	11	1	7	16	31	5	0	9	1	88	36	16	31	73	3	0	0	0	0	0	0	0	0	0	0	0	0
F	0	7	7	0	0	2	1	1	2	2	2	0	1	3	5	1	0	1	0	15	6	3	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	26	29	0	0	7	5	2	7	7	8	1	5	11	20	3	0	6	1	59	24	11	21	49	2	0	0	0	0	0	0	0	0	0	0	0	0
H	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	37	15	7	13	30	1	0	0	0	0	0	0	0	0	0	0	0	0
I	0	20	22	0	0	5	4	2	6	6	6	0	4	8	15	3	0	4	1	44	18	8	16	36	1	0	0	0	0	0	0	0	0	0	0	0	0
J	1	33	36	0	0	9	7	3	9	9	10	1	6	13	26	4	0	7	1	74	30	14	26	60	2	0	0	0	0	0	0	0	0	0	0	0	0
K	0	13	15	0	0	4	3	1	4	4	4	0	2	5	10	2	0	3	0	30	12	5	10	24	1	0	0	0	0	0	0	0	0	0	0	0	0
L	0	10	11	0	0	3	2	1	3	3	3	0	2	4	8	1	0	2	0	22	9	4	8	18	1	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

D.3. ORIGIN-DESTINATION ARRAY FOR CIVILIAN VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	D	E	F	G	H	I	J	K	L
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	2	0	0	1	1	4	2	4	7	0	0	1	4	3	0	1	1	5	2	1	4	4	1	1	1	1	0	1	0	1	0	0	1	0	0
3	0	2	2	0	0	1	1	4	3	5	8	0	0	1	4	4	0	1	1	5	2	1	4	4	2	1	1	1	0	1	0	1	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	1	0	0	0	0	2	3	3	3	0	0	0	0	2	0	1	0	3	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	2	0	0	0	1	2	2	3	4	0	0	0	2	2	0	1	0	2	3	2	1	1	1	1	1	2	0	1	0	1	0	1	1	0	0
9	0	0	0	0	0	0	2	4	6	4	15	1	0	0	3	7	0	2	1	1	1	0	4	6	3	1	2	2	1	1	0	1	1	1	1	0	0
10	0	6	7	0	0	1	6	12	8	13	17	1	2	0	9	8	0	3	1	10	13	10	5	5	3	5	6	9	2	5	1	4	2	3	4	2	1
11	0	12	13	0	0	2	2	24	16	26	38	2	2	4	7	18	0	7	3	24	13	8	16	16	8	11	13	19	5	11	2	8	5	6	10	4	3
12	0	5	6	0	0	1	1	1	2	3	3	0	1	2	4	1	0	1	0	12	5	2	5	10	0	3	3	4	1	3	0	2	1	1	2	1	1
13	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	4	5	0	0	1	3	6	4	7	9	1	1	0	6	4	0	2	1	7	8	5	4	4	2	3	4	5	1	3	1	2	1	2	3	1	1
15	0	4	4	0	0	0	0	3	5	4	5	0	0	1	1	2	0	2	0	7	5	4	4	3	1	1	1	1	0	1	0	0	0	0	1	0	0
16	0	26	29	0	0	7	5	11	12	16	21	1	5	10	20	10	0	7	2	59	26	13	23	47	5	13	15	22	6	13	2	9	6	7	11	4	3
17	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	2	3	3	9	1	0	0	2	4	0	1	1	1	0	0	2	4	2	1	1	1	0	1	0	1	0	0	1	0	0
19	0	8	9	0	0	2	2	2	3	4	4	0	1	3	6	3	0	2	0	18	8	3	7	15	1	4	4	6	2	4	1	2	1	2	3	1	1
20	0	5	5	0	0	1	3	5	4	7	11	1	1	2	7	5	0	2	1	10	4	2	6	9	2	2	2	3	1	2	0	1	1	1	1	1	0
21	0	2	2	0	0	2	2	8	5	9	14	1	1	1	5	7	0	2	1	4	2	1	4	4	3	1	1	1	0	1	0	0	0	0	1	0	0
22	0	1	1	0	0	0	2	6	4	7	11	1	0	0	4	5	0	1	1	2	1	0	4	2	2	0	0	1	0	0	0	0	0	0	0	0	0
23	0	3	3	0	0	1	3	8	11	8	28	2	1	1	6	13	0	4	2	4	2	2	9	13	6	3	4	5	1	3	1	2	1	1	2	1	1
24	0	6	7	0	0	1	3	5	7	7	5	0	1	2	6	2	0	3	0	11	8	6	7	7	1	1	2	2	1	1	0	1	1	1	1	0	0
25	0	15	16	0	0	4	3	5	6	8	10	0	3	6	11	5	0	4	1	32	14	7	13	26	3	7	8	12	3	7	1	5	3	3	6	2	2
A	1	39	43	0	0	11	8	3	11	11	12	1	7	16	30	5	0	9	1	87	35	16	32	74	3	0	0	0	0	0	0	0	0	0	0	0	0
B	1	46	50	0	0	12	9	4	13	13	14	1	9	19	36	6	0	10	1	102	41	19	37	86	3	0	0	0	0	0	0	0	0	0	0	0	0
C	1	65	72	0	0	18	13	5	19	19	19	2	12	26	51	9	0	14	2	146	59	27	53	123	4	0	0	0	0	0	0	0	0	0	0	0	0
D	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	36	15	7	13	31	1	0	0	0	0	0	0	0	0	0	0	0	0
E	1	39	44	0	0	11	8	3	11	11	11	1	7	16	31	5	0	9	1	88	36	16	31	73	3	0	0	0	0	0	0	0	0	0	0	0	0
F	0	7	7	0	0	2	1	1	2	2	2	0	1	3	5	1	0	1	0	15	6	3	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	26	29	0	0	7	5	2	7	7	8	1	5	11	20	3	0	6	1	59	24	11	21	49	2	0	0	0	0	0	0	0	0	0	0	0	0
H	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	37	15	7	13	30	1	0	0	0	0	0	0	0	0	0	0	0	0
I	0	20	22	0	0	5	4	2	6	6	6	0	4	8	15	3	0	4	1	44	18	8	16	36	1	0	0	0	0	0	0	0	0	0	0	0	0
J	1	33	36	0	0	9	7	3	9	9	10	1	6	13	26	4	0	7	1	74	30	14	26	60	2	0	0	0	0	0	0	0	0	0	0	0	0
K	0	13	15	0	0	4	3	1	4	4	4	0	2	5	10	2	0	3	0	30	12	5	10	24	1	0	0	0	0	0	0	0	0	0	0	0	0
L	0	10	11	0	0	3	2	1	3	3	3	0	2	4	8	1	0	2	0	22	9	4	8	18	1	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

D.4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	D	E	F	G	H	I	J	K	L
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	1	2	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	1	3	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	2	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	2	2	0	0	0	0	0	0	0	1	0	1	0	6	18	0	0	0	3	9	3	1	14	4	0	0	0	0	0	0	0	0	0	0	0	0
16	0	5	6	0	0	0	0	0	0	1	4	0	2	0	18	56	0	0	0	8	27	10	2	42	13	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	0	0	0	0	0	0	0	1	0	0	0	3	8	0	0	0	1	4	1	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0
21	0	2	3	0	0	0	0	0	0	0	2	0	1	0	9	27	0	0	0	4	13	5	1	20	6	0	0	0	0	0	0	0	0	0	0	0	0
22	0	1	1	0	0	0	0	0	0	0	1	0	0	0	3	10	0	0	0	1	5	2	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	4	4	0	0	0	0	0	0	0	3	0	2	0	14	42	0	0	0	6	20	8	1	32	10	0	0	0	0	0	0	0	0	0	0	0	0
25	0	1	1	0	0	0	0	0	0	0	1	0	1	0	4	13	0	0	0	2	6	2	0	10	3	0	0	0	0	0	0	0	0	0	0	0	0
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

E.1. MODAL SPLIT - VEHICLE LOAD FACTORS

ZONE	PERSONS PER VEHICLE	PERSONS PER MIL. VEHICLE	CIVILIAN VEH TRIPS ORG-GATE	CIVILIAN VEH TRIPS GATE-DEST	MILITARY VEH TRIPS ORG-GATE	MILITARY VEH TRIPS GATE-DEST	PERCENT MOTOR VEHICLES	PERCENT MILITARY VEHICLES	PERSON TRIPS FROM ORIGIN	PERSON TRIPS TO DEST.
A	1.18600	1.13600	384.64	49.90	0.00	0.00	100.000	99.000	456.000	59.000
B	1.18600	1.13600	448.72	58.34	0.00	0.00	100.000	99.000	532.000	69.000
C	1.18600	1.13600	640.97	83.63	0.00	0.00	100.000	99.000	760.000	99.000
D	1.18600	1.13600	160.36	21.24	0.00	0.00	100.000	99.000	190.000	25.000
E	1.18600	1.13600	384.64	49.90	0.00	0.00	100.000	99.000	456.000	59.000
F	1.18600	1.13600	64.24	8.59	0.00	0.00	100.000	99.000	76.000	10.000
G	1.18600	1.13600	256.48	33.88	0.00	0.00	100.000	99.000	304.000	40.000
H	1.18600	1.13600	160.36	21.24	0.00	0.00	100.000	99.000	190.000	25.000
I	1.18600	1.13600	192.40	25.45	0.00	0.00	100.000	99.000	228.000	30.000
J	1.18600	1.13600	320.40	42.16	0.00	0.00	100.000	99.000	380.000	50.000
K	1.18600	1.13600	129.01	16.02	0.00	0.00	100.000	99.000	153.000	19.000
L	1.18600	1.13600	96.96	12.65	0.00	0.00	100.000	99.000	115.000	15.000
1	1.14800	1.13600	1.06	6.70	0.00	0.00	78.000	99.000	1.221	7.689
2	1.17200	1.12800	48.84	340.32	16.47	54.11	91.000	100.000	75.401	459.585
3	1.17200	1.08200	53.51	374.36	19.19	63.11	91.000	100.000	83.063	506.719
4	1.17200	1.13600	0.00	0.00	0.00	0.00	91.000	99.000	0.000	0.000
5	1.17200	1.13600	0.00	0.00	0.00	0.00	91.000	99.000	0.000	0.000
6	1.17200	1.13600	11.75	102.57	0.00	0.00	91.000	99.000	13.766	120.211
7	1.17200	1.13600	27.39	104.64	0.00	0.00	91.000	99.000	32.104	122.642
8	1.19200	1.00000	33.40	122.94	0.00	0.00	100.000	31.000	39.815	146.548
9	1.19600	1.10000	64.08	171.18	1.07	1.68	100.000	100.000	77.608	206.367
10	1.19000	1.19800	156.57	195.12	2.18	2.79	100.000	100.000	188.929	235.532
11	1.19400	1.17600	294.66	267.37	14.96	15.55	100.000	100.000	369.419	337.525
12	1.18800	1.10000	76.94	18.34	0.00	0.00	100.000	81.000	91.403	21.782
13	1.15400	1.11000	11.57	62.56	7.68	20.70	90.000	100.000	21.324	94.766
14	1.16200	1.19800	94.08	142.22	0.00	0.00	90.000	99.000	109.155	165.097
15	1.18000	1.16800	50.96	247.34	55.35	127.81	90.000	100.000	124.077	440.629
16	1.17600	1.11200	364.70	101.93	209.92	199.70	90.000	100.000	661.782	341.107
17	1.17400	1.13600	1.00	2.86	0.00	0.00	90.000	99.000	1.000	3.182
18	1.16000	1.13600	40.83	103.93	0.00	0.00	90.000	99.000	47.201	120.399
19	1.18800	1.13600	111.96	25.98	0.00	0.00	100.000	99.000	132.818	30.679
20	1.17600	1.10200	88.01	746.33	27.45	98.16	93.000	100.000	133.347	985.565
21	1.17000	1.14200	72.22	274.40	83.34	184.41	93.000	100.000	178.960	531.077
22	1.17800	1.10600	48.54	157.21	33.50	69.11	96.000	100.000	93.649	261.160
23	1.18200	1.18200	130.73	314.71	6.03	15.73	96.000	100.000	161.424	390.340
24	1.18800	1.15200	83.92	457.68	133.00	357.04	100.000	100.000	252.919	955.033
25	1.17000	1.09600	202.14	50.91	52.44	51.51	91.000	100.000	293.616	115.367

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

E.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG
A	222.	35.	143.	13.	19.	3.	0.	0.	
B	259.	41.	167.	15.	23.	3.	0.	0.	
C	371.	58.	238.	22.	32.	4.	0.	0.	
D	93.	15.	59.	5.	8.	1.	0.	0.	
E	218.	34.	142.	13.	25.	3.	0.	0.	
F	36.	6.	24.	2.	4.	1.	0.	0.	
G	145.	23.	94.	8.	17.	3.	0.	0.	
H	91.	15.	59.	5.	11.	2.	0.	0.	
I	109.	17.	71.	6.	13.	2.	0.	0.	
J	181.	29.	118.	10.	21.	3.	0.	0.	
K	73.	11.	47.	4.	9.	1.	0.	0.	
L	55.	9.	36.	3.	7.	1.	0.	0.	
1	0.	3.	0.	0.	0.	1.	1.	1.	
2	4.	219.	0.	19.	1.	25.	56.	101.	
3	4.	219.	1.	43.	1.	30.	62.	112.	
4	0.	0.	0.	0.	0.	0.	0.	0.	
5	0.	0.	0.	0.	0.	0.	0.	0.	
6	1.	60.	0.	4.	0.	6.	9.	23.	
7	1.	46.	0.	2.	0.	4.	24.	43.	
8	7.	21.	0.	0.	1.	1.	26.	101.	
9	9.	76.	0.	1.	1.	2.	55.	94.	
10	34.	75.	1.	3.	2.	1.	122.	118.	
11	78.	79.	2.	2.	1.	0.	229.	201.	
12	14.	5.	4.	2.	0.	0.	59.	12.	
13	1.	39.	0.	7.	0.	5.	17.	27.	
14	14.	82.	2.	13.	4.	9.	64.	24.	
15	3.	154.	0.	32.	1.	19.	97.	146.	
16	77.	33.	6.	3.	7.	1.	447.	255.	
17	0.	1.	0.	0.	0.	0.	1.	2.	
18	4.	41.	1.	14.	1.	2.	31.	37.	
19	6.	2.	20.	7.	0.	0.	86.	17.	
20	7.	416.	2.	125.	3.	54.	98.	198.	
21	2.	123.	2.	109.	1.	16.	145.	192.	
22	1.	57.	1.	57.	0.	3.	78.	104.	
23	0.	2.	20.	213.	0.	0.	111.	103.	
24	0.	14.	10.	511.	0.	0.	207.	289.	
25	18.	6.	30.	12.	0.	0.	189.	80.	

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

F.1. CALIBRATION FACTORS (FACTOR*GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
1.612	1.007	.980	1.556

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG
A	112.	19.	88.	13.	39.	18.	0.	0.	
B	131.	22.	102.	14.	45.	22.	0.	0.	
C	187.	31.	147.	21.	64.	30.	0.	0.	
D	47.	8.	37.	5.	16.	8.	0.	0.	
E	106.	16.	84.	11.	48.	22.	0.	0.	
F	18.	3.	14.	2.	8.	4.	0.	0.	
G	70.	11.	56.	7.	33.	16.	0.	0.	
H	44.	7.	35.	4.	21.	10.	0.	0.	
I	53.	8.	42.	5.	25.	11.	0.	0.	
J	88.	14.	69.	9.	41.	19.	0.	0.	
K	35.	5.	28.	3.	17.	7.	0.	0.	
L	27.	4.	21.	3.	13.	6.	0.	0.	
1	0.	1.	0.	0.	0.	1.	1.	1.	
2	1.	107.	0.	10.	5.	51.	56.	101.	
3	1.	105.	0.	23.	5.	59.	62.	112.	
4	0.	0.	0.	0.	0.	0.	0.	0.	
5	0.	0.	0.	0.	0.	0.	0.	0.	
6	0.	30.	0.	2.	1.	13.	9.	23.	
7	0.	24.	0.	1.	1.	8.	24.	43.	
8	3.	13.	0.	0.	5.	2.	26.	101.	
9	4.	46.	0.	1.	5.	4.	55.	94.	
10	17.	45.	1.	2.	19.	3.	122.	118.	
11	58.	50.	2.	2.	22.	1.	229.	201.	
12	11.	3.	6.	1.	1.	0.	59.	12.	
13	0.	19.	0.	4.	1.	10.	17.	27.	
14	3.	41.	1.	7.	18.	19.	64.	24.	
15	0.	75.	0.	17.	4.	39.	97.	145.	
16	30.	19.	4.	2.	59.	3.	447.	255.	
17	0.	1.	0.	0.	0.	0.	1.	2.	
18	1.	23.	1.	9.	4.	5.	31.	37.	
19	3.	1.	19.	5.	5.	0.	86.	17.	
20	1.	204.	1.	68.	10.	110.	98.	198.	
21	1.	63.	1.	62.	4.	34.	145.	192.	
22	0.	32.	1.	36.	1.	7.	78.	104.	
23	0.	1.	21.	137.	0.	0.	111.	103.	
24	0.	8.	10.	329.	0.	1.	207.	289.	
25	13.	4.	35.	8.	0.	0.	189.	80.	

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

G.1. ASSIGNMENT COUNTS AND ASSCIATED COMPUTER RUN TIMES

ZONE	ASSGN. VEH. ORG. TO GATES	ASSGN.VEH. GATES TO DEST.	ASSGN. VEH. INTERNAL O-D	ASSIGNMENT TIME	TOTAL TIME	NO. PATHS FOLLOWED
2	5.279	168.661	52.835	3.616	23.078	58
3	5.894	187.256	58.430	.435	23.513	61
6	1.400	45.008	5.977	.567	24.080	59
7	.875	33.249	21.259	.351	24.431	70
8	7.549	14.311	20.790	.406	24.837	72
9	9.949	50.790	48.053	.395	25.232	78
10	37.683	51.040	110.871	.365	25.597	84
11	82.501	52.528	197.405	.422	26.019	89
12	18.393	4.209	56.245	.498	26.517	88
13	1.147	32.247	13.386	.395	26.912	83
14	20.712	66.804	59.657	.425	27.337	95
15	4.228	131.166	96.790	.440	27.777	96
16	92.797	24.153	405.162	.412	28.189	103
18	5.723	36.142	26.524	.664	28.853	101
19	26.521	5.812	83.207	.589	29.442	111
20	12.006	382.007	89.046	.484	29.926	114
21	5.116	159.077	141.084	.453	30.379	116
22	2.313	74.797	77.929	.421	30.800	118
23	21.149	138.310	102.685	.606	31.406	123
24	10.436	337.688	188.539	.617	32.023	126
25	48.177	11.645	188.124	.528	32.551	129

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	97.	0.	0.	97.	0.	68.	20.	0.	1.	1.	5.	0.	0.	0.	0.	2.	0.	0.	0.
2	450.	450.	0.	0.	0.	275.	84.	0.	1.	1.	21.	5.	37.	2.	21.	4.	0.	0.	0.
3	171.	171.	0.	0.	0.	100.	29.	0.	0.	0.	6.	3.	18.	7.	7.	1.	0.	124.	47.
4	450.	0.	450.	0.	0.	275.	84.	0.	1.	1.	21.	5.	37.	2.	21.	4.	0.	0.	0.
5	232.	232.	0.	0.	0.	164.	48.	0.	2.	2.	11.	0.	0.	0.	0.	5.	0.	0.	0.
6	918.	16.	902.	0.	0.	559.	165.	0.	1.	1.	40.	11.	83.	8.	44.	6.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	8.	8.	0.	0.	0.	5.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	6.	2.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	8.	3.	0.	5.	0.	5.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	6.	2.
11	26.	0.	26.	0.	0.	20.	4.	0.	0.	0.	1.	0.	1.	0.	0.	0.	0.	16.	9.
12	85.	0.	82.	0.	3.	58.	17.	0.	1.	1.	4.	0.	0.	0.	0.	2.	0.	0.	0.
13	24.	24.	0.	0.	0.	15.	5.	0.	0.	0.	1.	0.	1.	1.	1.	0.	0.	22.	2.
14	207.	32.	124.	0.	51.	91.	26.	0.	0.	0.	6.	2.	19.	5.	6.	1.	0.	123.	20.
15	264.	0.	159.	62.	43.	138.	39.	0.	0.	0.	10.	1.	18.	4.	10.	1.	0.	1.	1.
16	31.	31.	0.	0.	0.	18.	5.	0.	0.	0.	1.	1.	4.	0.	2.	0.	0.	24.	6.
17	295.	264.	0.	0.	32.	169.	48.	0.	0.	0.	13.	1.	18.	4.	10.	1.	0.	1.	1.
18	32.	20.	0.	10.	2.	17.	4.	0.	0.	0.	1.	1.	4.	0.	2.	0.	0.	24.	6.
19	269.	162.	9.	0.	99.	114.	32.	0.	0.	0.	8.	1.	10.	3.	3.	0.	0.	7.	2.
20	26.	0.	23.	0.	4.	13.	3.	0.	0.	0.	1.	1.	3.	0.	1.	0.	0.	17.	6.
21	300.	0.	36.	264.	0.	213.	56.	0.	1.	1.	11.	1.	11.	3.	3.	1.	0.	53.	25.
22	115.	0.	5.	110.	0.	79.	22.	0.	1.	1.	5.	1.	4.	0.	1.	2.	0.	21.	12.
23	851.	0.	222.	629.	0.	512.	155.	0.	1.	1.	38.	10.	78.	8.	43.	6.	0.	0.	0.
24	229.	205.	24.	0.	0.	136.	39.	0.	1.	1.	8.	3.	19.	10.	8.	3.	0.	103.	44.
25	902.	851.	0.	52.	0.	551.	163.	0.	1.	1.	39.	10.	80.	8.	43.	6.	0.	0.	0.
26	274.	274.	0.	0.	0.	169.	46.	0.	1.	1.	10.	3.	22.	10.	8.	3.	0.	135.	58.
27	902.	902.	0.	0.	0.	551.	163.	0.	1.	1.	39.	10.	80.	8.	43.	6.	0.	0.	0.
28	274.	274.	0.	0.	0.	169.	46.	0.	1.	1.	10.	3.	22.	10.	8.	3.	0.	135.	58.
29	90.	0.	0.	0.	90.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	17.	0.	2.	11.	3.	10.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	7.
31	23.	0.	10.	14.	0.	16.	5.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	13.	11.
32	34.	0.	0.	0.	34.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
36	32.	32.	0.	0.	0.	17.	5.	0.	0.	0.	1.	1.	5.	0.	1.	0.	0.	14.	7.
37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39	357.	0.	99.	209.	49.	193.	55.	0.	0.	0.	14.	1.	21.	3.	19.	1.	0.	134.	35.
40	64.	48.	13.	2.	1.	31.	9.	0.	0.	0.	2.	2.	11.	4.	3.	1.	0.	50.	13.
41	446.	335.	2.	11.	97.	221.	61.	0.	1.	1.	18.	1.	20.	1.	22.	2.	0.	138.	37.
42	91.	54.	4.	31.	1.	55.	14.	0.	0.	0.	3.	1.	8.	4.	2.	1.	0.	59.	31.
43	521.	310.	30.	122.	60.	278.	83.	0.	0.	0.	20.	2.	47.	4.	23.	3.	0.	142.	30.
44	107.	12.	1.	61.	32.	44.	11.	0.	0.	0.	2.	1.	9.	4.	3.	1.	0.	55.	20.
45	442.	210.	41.	191.	0.	284.	88.	0.	0.	1.	20.	3.	24.	7.	11.	2.	0.	308.	81.
46	43.	43.	0.	0.	0.	28.	9.	0.	0.	0.	2.	0.	3.	1.	0.	1.	0.	34.	10.
47	514.	442.	32.	0.	41.	309.	93.	0.	0.	1.	21.	3.	26.	7.	11.	2.	0.	330.	91.
48	65.	65.	0.	0.	1.	44.	13.	0.	0.	0.	3.	0.	3.	1.	0.	1.	0.	47.	17.
49	369.	369.	0.	0.	0.	245.	70.	0.	0.	1.	16.	2.	19.	6.	8.	2.	0.	262.	52.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	65.	53.	10.	2.	0.	44.	13.	0.	0.	0.	3.	0.	3.	1.	0.	1.	0.	47.	17.
51	258.	243.	6.	0.	10.	175.	50.	0.	0.	0.	11.	1.	5.	1.	4.	2.	0.	155.	39.
52	94.	0.	92.	0.	1.	64.	19.	0.	0.	0.	4.	0.	3.	1.	0.	1.	0.	76.	18.
53	45.	0.	7.	38.	0.	21.	6.	0.	0.	0.	2.	1.	8.	0.	5.	1.	0.	29.	9.
54	88.	0.	88.	0.	0.	52.	16.	0.	0.	0.	4.	1.	7.	0.	8.	0.	0.	16.	4.
55	5.	0.	0.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
56	50.	40.	10.	0.	0.	27.	8.	0.	0.	0.	2.	1.	7.	1.	2.	1.	0.	30.	9.
57	143.	0.	22.	5.	116.	13.	4.	0.	0.	0.	1.	1.	5.	1.	2.	0.	0.	21.	7.
58	51.	0.	20.	22.	9.	23.	7.	0.	0.	0.	2.	1.	6.	1.	2.	1.	0.	29.	13.
59	40.	0.	30.	0.	10.	13.	4.	0.	0.	0.	1.	0.	5.	0.	6.	0.	0.	24.	6.
60	35.	28.	0.	7.	0.	14.	5.	0.	0.	0.	1.	2.	9.	0.	4.	1.	0.	28.	7.
61	360.	34.	11.	0.	315.	21.	6.	0.	0.	0.	2.	0.	8.	0.	7.	1.	0.	37.	8.
62	89.	25.	8.	29.	27.	29.	8.	0.	0.	0.	2.	2.	12.	3.	4.	1.	0.	51.	11.
63	448.	204.	8.	166.	71.	228.	75.	0.	0.	0.	19.	7.	27.	1.	18.	4.	0.	88.	23.
64	93.	0.	32.	42.	19.	37.	9.	0.	0.	0.	2.	2.	16.	1.	5.	1.	0.	56.	18.
65	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
66	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
67	140.	0.	0.	140.	0.	96.	26.	0.	0.	0.	5.	1.	5.	1.	4.	1.	0.	49.	30.
68	108.	0.	0.	108.	0.	78.	22.	0.	0.	0.	5.	0.	3.	1.	0.	1.	0.	90.	18.
69	93.	0.	0.	61.	32.	39.	10.	0.	0.	0.	3.	0.	4.	1.	3.	1.	0.	0.	0.
70	201.	0.	111.	90.	0.	117.	36.	0.	0.	1.	9.	4.	22.	3.	8.	2.	0.	163.	29.
71	11.	0.	11.	0.	0.	7.	2.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	7.	4.
72	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
73	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
75	12.	0.	0.	0.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
76	5.	1.	0.	4.	0.	2.	1.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	4.	1.
77	329.	0.	84.	0.	245.	50.	16.	0.	0.	0.	4.	1.	6.	0.	7.	0.	0.	13.	3.
78	154.	0.	73.	56.	25.	48.	14.	0.	0.	0.	3.	6.	38.	7.	12.	2.	0.	98.	30.
79	397.	0.	397.	0.	0.	159.	55.	0.	0.	0.	14.	16.	91.	15.	40.	6.	0.	166.	37.
80	216.	198.	0.	18.	0.	75.	22.	0.	0.	1.	5.	12.	71.	6.	21.	3.	0.	172.	44.
81	397.	397.	0.	0.	0.	159.	55.	0.	0.	0.	14.	16.	91.	15.	40.	6.	0.	166.	37.
82	198.	182.	0.	15.	0.	64.	19.	0.	0.	1.	4.	12.	69.	5.	21.	3.	0.	158.	40.
83	199.	171.	28.	0.	0.	56.	17.	0.	0.	0.	4.	10.	67.	18.	26.	3.	0.	162.	37.
84	599.	0.	0.	0.	599.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
86	128.	16.	101.	0.	11.	51.	15.	0.	0.	0.	2.	2.	31.	4.	11.	1.	0.	76.	23.
87	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
88	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
89	450.	367.	0.	82.	1.	274.	84.	0.	1.	1.	21.	5.	37.	2.	21.	4.	0.	0.	0.
90	172.	0.	0.	171.	1.	100.	29.	0.	0.	0.	6.	3.	18.	7.	7.	1.	0.	124.	47.
91	21.	0.	0.	21.	0.	12.	3.	0.	0.	0.	1.	1.	3.	0.	1.	0.	0.	17.	4.
92	167.	0.	8.	0.	159.	5.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	6.	2.
93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
94	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
95	377.	242.	134.	0.	2.	222.	69.	0.	0.	0.	17.	5.	37.	2.	21.	3.	0.	5.	6.
96	178.	142.	0.	0.	36.	78.	25.	0.	0.	0.	5.	3.	16.	7.	6.	1.	0.	104.	38.
97	93.	0.	0.	93.	0.	66.	19.	0.	1.	1.	4.	0.	0.	0.	0.	2.	0.	5.	6.
98	36.	0.	0.	23.	13.	18.	4.	0.	0.	0.	1.	0.	1.	0.	0.	0.	0.	14.	8.
99	902.	902.	0.	0.	0.	551.	163.	0.	1.	1.	39.	10.	80.	8.	43.	6.	0.	0.	0.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	274.	0.	70.	204.	0.	169.	46.	0.	1.	1.	10.	3.	22.	10.	8.	3.	0.	135.	58.
101	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
102	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
103	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
104	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
105	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
106	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
108	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
109	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
110	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
111	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
112	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
113	91.	67.	0.	23	1.	50.	15.	0.	0.	0.	4.	1.	10.	2.	8.	1.	0.	24.	7.
114	116.	2.	9.	0.	105.	6.	2.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	9.	2.
115	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
116	7.	0.	1.	0.	6.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
117	243.	237.	0.	0.	7.	132.	44.	0.	0.	0.	11.	4.	28.	1.	14.	2.	0.	3.	4.
118	162.	156.	3.	0.	3.	93.	28.	0.	1.	1.	5.	3.	16.	7.	5.	1.	0.	117.	43.
119	238.	237.	0.	2.	0.	133.	44.	0.	0.	0.	11.	4.	28.	1.	14.	2.	0.	4.	4.
120	152.	152.	0.	0.	0.	87.	27.	0.	1.	1.	5.	3.	16.	7.	5.	1.	0.	113.	39.
121	301.	240.	51.	6.	3.	173.	59.	0.	0.	0.	14.	4.	29.	1.	14.	3.	0.	35.	37.
122	207.	142.	33.	0.	32.	105.	31.	0.	0.	0.	5.	2.	16.	8.	5.	1.	0.	133.	41.
123	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
124	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
125	634.	589.	45.	0.	0.	362.	114.	0.	1.	1.	29.	9.	68.	5.	40.	5.	0.	2.	3.
126	197.	78.	118.	0.	1.	121.	32.	0.	1.	1.	5.	3.	16.	9.	7.	2.	0.	136.	60.
127	633.	340.	261.	7.	24.	340.	111.	0.	0.	0.	29.	9.	69.	5.	40.	5.	0.	12.	13.
128	303.	159.	0.	38.	106.	122.	32.	0.	1.	1.	5.	3.	16.	10.	7.	2.	0.	142.	53.
129	230.	77.	0.	143.	11.	94.	28.	0.	0.	1.	8.	9.	54.	2.	23.	2.	0.	148.	40.
130	74.	24.	0.	45.	6.	17.	4.	0.	0.	0.	1.	3.	24.	13.	6.	0.	0.	56.	13.
131	76.	0.	0.	3.	73.	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
132	69.	0.	69.	0.	0.	52.	11.	0.	0.	0.	2.	0.	3.	0.	1.	0.	0.	46.	23.
133	584.	193.	391.	0.	0.	320.	109.	0.	0.	1.	29.	13.	68.	2.	37.	5.	0.	211.	51.
134	65.	65.	0.	0.	0.	45.	10.	0.	0.	0.	2.	1.	6.	1.	1.	0.	0.	51.	15.
135	125.	0.	122.	0.	3.	72.	21.	0.	0.	0.	5.	1.	13.	4.	5.	1.	0.	109.	13.
136	13.	0.	0.	11.	2.	8.	2.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	10.	1.
137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
138	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
139	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
140	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
141	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
142	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
143	301.	0.	0.	28.	273.	12.	4.	0.	0.	0.	1.	1.	7.	0.	3.	1.	0.	22.	6.
144	71.	15.	30.	0.	27.	25.	7.	0.	0.	0.	1.	1.	5.	2.	2.	1.	0.	35.	9.
145	25.	4.	0.	11.	10.	7.	2.	0.	0.	0.	0.	0.	3.	0.	1.	0.	0.	11.	4.
146	31.	2.	1.	21.	8.	10.	3.	0.	0.	0.	1.	0.	5.	2.	2.	0.	0.	18.	5.
147	22.	0.	6.	16.	0.	12.	4.	0.	0.	0.	1.	0.	2.	0.	3.	0.	0.	15.	7.
148	22.	8.	0.	0.	13.	5.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	7.	2.
149	374.	236.	114.	0.	24.	189.	71.	0.	0.	0.	10.	5.	54.	0.	18.	3.	0.	49.	31.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
150	232.	137.	23.	70.	3.	143.	39.	0.	0.	0.	8.	3.	19.	6.	9.	1.	0.	186.	44.
151	429.	205.	111.	34.	79.	176.	62.	0.	0.	0.	17.	12.	50.	2.	25.	7.	0.	147.	47.
152	246.	88.	0.	23.	135.	70.	18.	0.	0.	0.	4.	2.	10.	1.	5.	1.	0.	86.	25.
153	635.	584.	0.	0.	50.	320.	109.	0.	0.	1.	29.	13.	68.	2.	37.	5.	0.	211.	51.
154	141.	109.	24.	7.	0.	81.	21.	0.	0.	0.	4.	2.	20.	6.	5.	1.	0.	117.	24.
155	216.	0.	0.	216.	0.	75.	22.	0.	0.	1.	5.	12.	71.	6.	21.	3.	0.	172.	44.
156	397.	70.	74.	253.	0.	159.	55.	0.	0.	0.	14.	16.	91.	15.	40.	6.	0.	166.	37.
157	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
158	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
159	10.	0.	0.	0.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
160	13.	0.	9.	4.	0.	10.	3.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	12.	1.
161	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
162	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
163	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
164	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
165	150.	0.	140.	0.	10.	96.	26.	0.	0.	0.	5.	1.	5.	1.	4.	1.	0.	49.	30.
166	135.	0.	75.	5.	54.	56.	17.	0.	0.	1.	4.	0.	2.	1.	0.	0.	0.	65.	16.
167	728.	659.	69.	0.	0.	366.	113.	0.	0.	2.	28.	22.	133.	7.	46.	7.	0.	0.	0.
168	100.	100.	0.	0.	0.	71.	21.	0.	1.	1.	5.	0.	0.	0.	0.	2.	0.	0.	0.
169	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
170	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
171	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
172	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
173	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
174	18.	0.	0.	0.	18.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
175	790.	0.	226.	416.	148.	295.	94.	0.	0.	3.	24.	25.	140.	6.	49.	8.	0.	93.	19.
176	44.	12.	0.	24.	7.	7.	2.	0.	0.	0.	1.	2.	12.	5.	5.	1.	0.	29.	8.
177	408.	0.	0.	45.	363.	21.	6.	0.	0.	0.	2.	1.	8.	0.	5.	1.	0.	29.	9.
178	197.	79.	16.	7.	96.	40.	11.	0.	0.	0.	2.	3.	27.	9.	9.	1.	0.	80.	21.
179	97.	0.	0.	0.	97.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
180	207.	0.	207.	0.	0.	148.	43.	0.	2.	2.	10.	0.	0.	0.	0.	1.	0.	47.	2.
181	22.	0.	22.	0.	0.	16.	5.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
182	175.	0.	175.	0.	0.	125.	37.	0.	2.	2.	9.	0.	0.	0.	0.	1.	0.	0.	0.
183	726.	726.	0.	0.	0.	521.	152.	0.	7.	7.	36.	0.	0.	0.	0.	3.	0.	224.	7.
184	100.	0.	0.	22.	78.	16.	5.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
185	1096.	921.	0.	175.	0.	786.	229.	0.	11.	11.	55.	0.	0.	0.	0.	5.	0.	284.	9.
186	254.	0.	0.	0.	254.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	31312.	15799.	6081.	4933.	4500.	15707.	4709.	0.	54.	71.	1115.	406.	2822.	415.	1278.	235.	0.	8351.	2350.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

INTERSECTION 1

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	40.		15.		-0.		-0.	
V/GCAP	.46098		.00884		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	6.	2.	15.	0.	6.	2.	15.	0.
QUEUE(VEH)	1.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	1096.	232.	22.	0.	0.	0.	0.	0.
CAPACITY(VEH)	1666.	1808.	617.	1.	0.	0.	0.	0.
V/GCAP	.46098	.08997	.00884	0.00000	0.00000	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 2	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 3	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 4	3.	0.	6.	0.	3.	0.	6.	0.
INTERSECTION 5	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 6	0.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 7	0.	0.	2.	0.	5.	0.	2.	0.

INTERSECTION 8

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	29.		31.		0.		0.	
V/GCAP	.29804		.05109		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	18.	9.	8.	7.	18.	9.	8.	7.
QUEUE(VEH)	1.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	376.	159.	171.	30.	0.	0.	0.	0.
CAPACITY(VEH)	567.	790.	1615.	1160.	0.	0.	0.	0.
V/GCAP	.29804	.09074	.05109	.01257	0.00000	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 9	1.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 10

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	0.		63.		15.		32.	
V/GCAP	0.00000		.33133		.07796		.04079	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	0.	55.	17.	29.	55.	0.	29.	0.
QUEUE(VEH)	0.	1.	1.	0.	1.	0.	0.	0.
VOLUME(VEH)	0.	196.	851.	115.	196.	0.	115.	0.
CAPACITY(VEH)	1.	306.	1439.	784.	306.	0.	784.	0.
V/GCAP	0.00000	.07796	.33133	.04079	.07796	0.00000	.04079	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 11	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 12	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION 13	3.	0.	5.	0.	3.	0.	0.	0.
INTERSECTION 14	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 15	5.	0.	3.	0.	5.	0.	0.	0.
INTERSECTION 16	0.	0.	0.	0.	1.	0.	0.	0.

INTERSECTION 17

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	30.		30.		0.		0.	
V/GCAP	.23856		.21614		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	12.	14.	11.	8.	12.	14.	11.	8.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	298.	229.	462.	90.	0.	0.	0.	0.
CAPACITY(VEH)	677.	465.	1032.	1046.	0.	0.	0.	0.
V/GCAP	.21239	.23856	.21614	.04162	0.00000	0.00000	0.00000	0.00000

INTERSECTION 18

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	30.		30.		0.		0.	
V/GCAP	.24955		.22581		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	12.	8.	11.	8.	12.	3.	11.	8.
QUEUE(VEH)	1.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	608.	141.	442.	74.	0.	0.	0.	0.
CAPACITY(VEH)	1156.	1220.	929.	1099.	0.	0.	0.	0.
V/GCAP	.24955	.05473	.22581	.03212	0.00000	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 19	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 20	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 21	5.	0.	5.	0.	5.	0.	5.	0.
INTERSECTION 22	4.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 23	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 24	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 25	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION 26	4.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 27	1.	1.	0.	0.	1.	1.	2.	1.
INTERSECTION 28	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 29	0.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 30	2.	1.	0.	0.	2.	1.	2.	1.
INTERSECTION 31	1.	0.	5.	0.	5.	0.	5.	0.
INTERSECTION 32	1.	1.	0.	0.	0.	0.	2.	1.
INTERSECTION 33	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 34	19.	3.	20.	3.	0.	0.	20.	3.
INTERSECTION 35	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 36	4.	1.	0.	0.	4.	1.	6.	1.
INTERSECTION 37	0.	0.	6.	1.	8.	1.	0.	0.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	342.248	94.824	106.824	0.000	0.000	.629	2.901	574.548
PARKNG	2	46543.678	165.184	177.184	0.000	0.000	51.259	226.786	745.596
PARKNG	3	29644.278	124.769	136.769	0.000	0.000	43.187	190.252	492.704
PARKNG	4	0.000	36.289	48.289	0.000	0.000	0.000	0.000	232.248
PARKNG	5	0.000	70.348	82.348	0.000	0.000	0.000	0.000	450.227
PARKNG	6	5899.873	89.985	101.985	0.000	0.000	8.734	55.666	552.331
PARKNG	7	7646.282	89.329	101.329	0.000	0.000	20.330	62.536	548.664
PARKNG	8	6961.233	86.555	98.555	0.000	0.000	17.617	60.366	537.963
PARKNG	9	19066.029	88.001	100.001	0.000	0.000	64.702	143.156	522.724
PARKNG	10	31350.022	92.407	104.407	0.000	0.000	154.735	164.431	587.873
PARKNG	11	29062.070	48.995	60.995	0.000	0.000	287.962	234.673	313.568
PARKNG	12	7116.042	89.747	101.747	0.000	0.000	59.146	12.235	574.383
PARKNG	13	3347.450	62.900	74.900	0.000	0.000	11.958	38.979	390.346
PARKNG	14	8309.828	46.678	58.678	0.000	0.000	76.583	81.754	296.226
PARKNG	15	29136.362	74.480	86.480	6.000	6.670	88.129	240.129	244.294
PARKNG	16	73277.854	94.285	106.285	0.000	0.000	472.538	244.512	603.427
PARKNG	17	167.932	61.958	73.958	0.000	0.000	.738	1.829	395.118
PARKNG	18	11519.062	129.031	141.031	0.000	0.000	28.937	57.645	801.989
PARKNG	19	11765.661	91.763	103.763	0.000	0.000	96.188	19.451	587.282
PARKNG	20	56877.789	116.820	128.820	0.000	0.000	76.134	402.928	614.863
PARKNG	21	57367.811	141.136	153.136	0.000	0.000	118.975	277.382	818.905
PARKNG	22	21235.620	111.955	123.955	0.000	0.000	56.898	126.684	665.464
PARKNG	23	51038.422	139.082	151.082	0.000	0.000	126.025	230.068	769.259
PARKNG	24	147632.997	199.128	211.128	0.000	0.000	187.825	542.253	1130.000
PARKNG	25	103877.682	386.316	398.316	0.000	0.000	189.901	73.093	2472.424

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH DESCRIPTIVE----- PERIOD FROM 700. TO 760. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	30.	30.	30.	2	32.	32.	32.	3	135.	135.	135.	4	137.	137.	137.	5	46.	46.	46.	6	46.	46.	46.
7	19.	19.	19.	8	19.	19.	19.	9	21.	21.	21.	10	26.	26.	26.	11	49.	49.	49.	12	43.	43.	43.
13	39.	39.	39.	14	40.	40.	40.	15	21.	21.	21.	16	21.	21.	21.	17	22.	22.	22.	18	27.	27.	27.
19	52.	52.	52.	20	43.	43.	43.	21	5.	5.	5.	22	34.	34.	34.	23	21.	21.	21.	24	5.	5.	5.
25	12.	12.	12.	26	11.	11.	11.	27	22.	22.	22.	28	21.	21.	21.	29	25.	25.	25.	30	26.	26.	26.
31	28.	28.	28.	32	22.	22.	22.	33	47.	47.	47.	34	47.	47.	47.	35	16.	16.	16.	36	16.	16.	16.
37	18.	18.	18.	38	18.	18.	18.	39	24.	24.	24.	40	21.	21.	21.	41	19.	19.	19.	42	26.	26.	26.
43	62.	62.	62.	44	56.	56.	56.	45	17.	17.	17.	46	6.	6.	6.	47	13.	13.	13.	48	12.	12.	12.
49	19.	19.	19.	50	23.	23.	23.	51	94.	94.	94.	52	86.	86.	86.	53	51.	51.	51.	54	47.	47.	47.
55	40.	40.	40.	56	41.	41.	41.	57	18.	18.	18.	58	19.	19.	19.	59	18.	18.	18.	60	19.	19.	19.
61	34.	34.	34.	62	39.	39.	39.	63	55.	55.	55.	64	49.	49.	49.	65	17.	17.	17.	66	17.	17.	17.
67	24.	24.	24.	68	25.	25.	25.	69	36.	36.	36.	70	37.	37.	37.	71	23.	23.	23.	72	22.	22.	22.
73	12.	12.	12.	74	12.	12.	12.	75	12.	12.	12.	76	13.	13.	13.	77	20.	20.	20.	78	24.	24.	24.
79	101.	101.	101.	80	98.	98.	98.	81	24.	24.	24.	82	44.	44.	44.	83	107.	107.	107.	84	84.	84.	84.
85	74.	74.	74.	86	74.	74.	74.	87	11.	11.	11.	88	11.	11.	11.	89	22.	22.	22.	90	18.	18.	18.
91	22.	22.	22.	92	21.	21.	21.	93	21.	21.	21.	94	21.	21.	21.	95	38.	38.	38.	96	23.	23.	23.
97	21.	21.	21.	98	20.	20.	20.	99	16.	16.	16.	100	16.	16.	16.	101	47.	47.	47.	102	47.	47.	47.
103	35.	35.	35.	104	35.	35.	35.	105	32.	32.	32.	106	32.	32.	32.	107	37.	37.	37.	108	37.	37.	37.
109	41.	41.	41.	110	41.	41.	41.	111	65.	65.	65.	112	65.	65.	65.	113	51.	51.	51.	114	46.	46.	46.
115	46.	46.	46.	116	50.	50.	50.	117	20.	20.	20.	118	30.	30.	30.	119	18.	18.	18.	120	15.	15.	15.
121	24.	24.	24.	122	15.	15.	15.	123	13.	13.	13.	124	13.	13.	13.	125	20.	20.	20.	126	73.	73.	73.
127	37.	37.	37.	128	24.	24.	24.	129	56.	56.	56.	130	55.	55.	55.	131	42.	42.	42.	132	42.	42.	42.
133	7.	7.	7.	134	6.	6.	6.	135	99.	99.	99.	136	93.	93.	93.	137	57.	57.	57.	138	57.	57.	57.
139	43.	43.	43.	140	43.	43.	43.	141	57.	57.	57.	142	57.	57.	57.	143	31.	31.	31.	144	36.	36.	36.
145	23.	23.	23.	146	22.	22.	22.	147	17.	17.	17.	148	14.	14.	14.	149	24.	24.	24.	150	37.	37.	37.
151	23.	23.	23.	152	20.	20.	20.	153	37.	37.	37.	154	43.	43.	43.	155	9.	9.	9.	156	13.	13.	13.
157	57.	57.	57.	158	57.	57.	57.	159	113.	113.	113.	160	119.	119.	119.	161	200.	200.	200.	162	200.	200.	200.
163	53.	53.	53.	164	53.	53.	53.	165	16.	16.	16.	166	16.	16.	16.	167	28.	28.	28.	168	24.	24.	24.
169	49.	49.	49.	170	49.	49.	49.	171	30.	30.	30.	172	30.	30.	30.	173	110.	110.	110.	174	110.	110.	110.
175	80.	80.	80.	176	58.	58.	58.	177	47.	47.	47.	178	55.	55.	55.	179	3.	3.	3.	180	3.	3.	3.
181	138.	138.	138.	182	126.	126.	126.	183	106.	106.	106.	184	96.	96.	96.	185	14.	14.	14.	186	7.	7.	7.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK	272.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES	211.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK	6498.(VEH-MI)
TOTAL INTERSECTION DELAY ON NETWORK	32.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS	9741.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS	447.(M)

```
AEOYAOI.   79/08/15. SRI KRONOS/NOS (O) WEDNESDAY

11.07.53.DJD5,CM200000,P30,T200.
11.07.53. PRIORITY 30B.
11.07.54. ---FOR COS INFO CALL EXT 5050.
11.07.54.ACCOUNT(WADJD,)
11.07.54.GET(LGOPLOT)
11.07.58.GET(DAVISM)
11.07.58.SETID(OUTPUT=1)
11.07.58.MAP.
11.07.58.GETLIB,SUBLIB.
11.07.59.NOEXIT.
11.07.59.GETLIB,CCTAPE.
11.08.00.LDSET,LIB=CCTAPE/SUBLIB.
11.08.01.LGOPLOT,DAVISM.
11.09.19.      NON-FATAL LOADER ERRORS - SEE MAP
11.12.19.STOP
11.12.19.REPLACE(TAPE7=TAPE7)
11.12.20. TAPE7 NOT FOUND,  AT 000123.
11.12.20.RETURN(TAPE1)
11.12.20.UQPR,       0.272KPRS.
11.12.21.UQIN,       0.002KPRS.
11.12.21.UEPF,       0.213KUNS.
11.12.21.UEMS,       4.425KUNS.
11.12.21.UECP,      35.148SECS.
11.12.21.AESR,       8.217UNTS.
11.12.21.UECM,      62.326KWRD.
11.12.21.AE$$,      11.802$$$$.
```

```
AEOYAOI.   79/08/15. SRI KRONOS/NOS (O) WEDNESDAY

11.07.53.DJD5,CM200000,P30,T200.
11.07.53. PRIORITY 30B.
11.07.54. ---FOR COS INFO CALL EXT 5050.
11.07.54.ACCOUNT(WADJD,)
11.07.54.GET(LGOPLOT)
11.07.58.GET(DAVISM)
11.07.58.SETID(OUTPUT=1)
11.07.58.MAP.
11.07.58.GETLIB,SUBLIB.
11.07.59.NOEXIT.
11.07.59.GETLIB,CCTAPE.
11.08.00.LDSET,LIB=CCTAPE/SUBLIB.
11.08.01.LGOPLOT,DAVISM.
11.09.19.      NON-FATAL LOADER ERRORS - SEE MAP
11.12.19.STOP
11.12.19.REPLACE(TAPE7=TAPE7)
11.12.20. TAPE7 NOT FOUND,  AT 000123.
11.12.20.RETURN(TAPE1)
11.12.20.UQPR,       0.272KPRS.
11.12.21.UQIN,       0.002KPRS.
11.12.21.UEPF,       0.213KUNS.
11.12.21.UEMS,       4.425KUNS.
11.12.21.UECP,      35.148SECS.
11.12.21.AESR,       8.217UNTS.
11.12.21.UECM,      62.326KWRD.
11.12.21.AE$$,      11.802$$$$.
```

BATS MODEL

BATS MONTHLY

BY RUSH PRED

22 UA 78

TABLE OF CONTENTS

A. INPUT DATA

1. INPUT LISTING

B. INITIALIZATION

1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

C. TRIP GENERATION

1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS (IPFLG(1)=1)

2. TRIP PRODUCTIONS (PERSONS) (IPFLG(1)=1)

3. TRIP ATTRACTIONS (PERSONS) (IPFLG(1)=1)

4. MATRIX ASSOCIATING ZONES WITH GATES(IPFLG(1)=1)

5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

D. TRIP DISTRIBUTION

1. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(2)>=1)

2. ORIGIN-DESTINATION ARRAY (IPFLG(2)=1)

3. ORIGIN-DESTINATION ARRAY FOR CIVILIAN VEHICLE TRIPS (IPFLG(2)=2)

4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (IPFLG(2)=4)

E. MODAL SPLIT

1. MODAL SPLIT VEHICLE LOAD FACTORS (IPFLG(3)=1)

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=1)

F. CALIBRATION

1. CALIBRATION FACTORS

2. ORIGIN TO GATE AND GATE TO DESTINATION TRIPS (IPFLG(3)=2)

G. ASSIGNMENT

1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIME

(IPFLG(3)>=4)

2. VEHICLE COUNT, TYPE AND HOT/COLD STARTS (IPFLG(3)>0)

H. TRAFFIC FLOW ANALYSIS

1. LINK COUNTS (IPFLG(3)=0)

2. INTERSECTION DELAYS AND QUEUEING

3. PARKING LOT TRAVEL TIMES AND DELAYS

4. LINK TO LINK TRAVEL TIMES

I. SUMMARY

1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

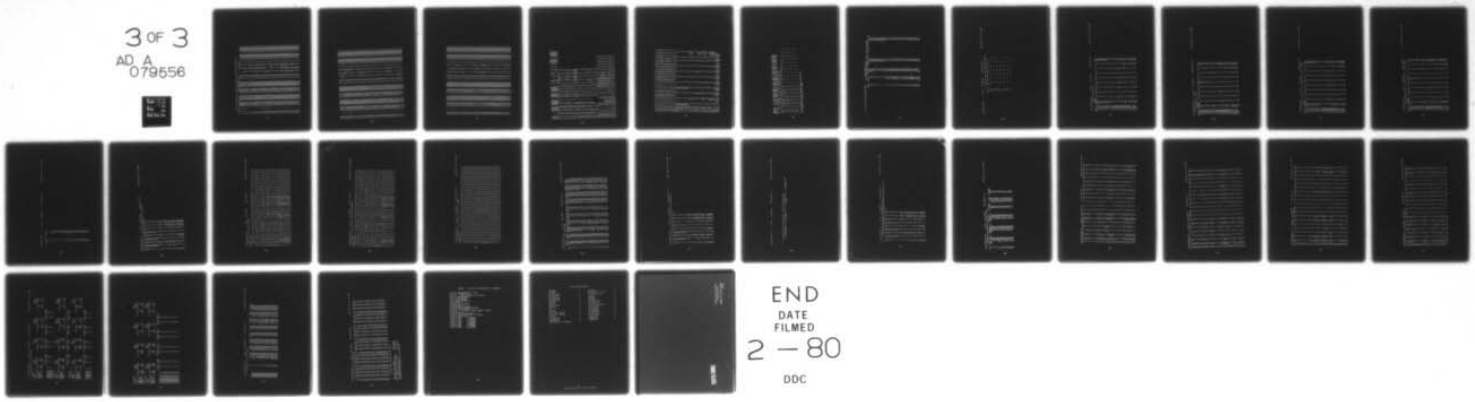
POSSIBLE REPETITION OF A THROUGH I FOR EACH TIME PERIOD.

INTRODUCTION

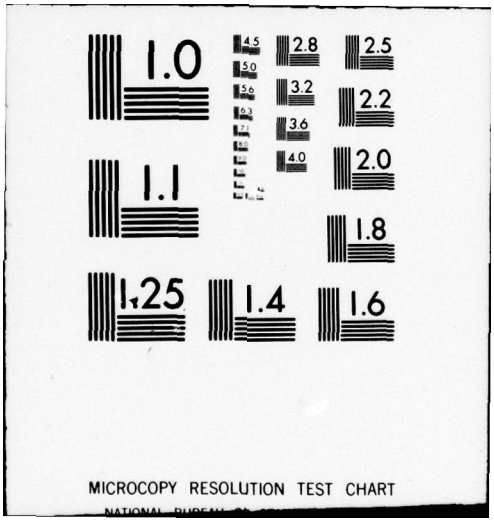
THE U.S. AIR FORCE THROUGH A CONTRACTURAL ARRANGEMENT HAS DEVELOPED AN AIR BASE MOTOR VEHICLE MODEL THAT WILL SIMULATE A BASE TRAFFIC NETWORK USING AVAILABLE LAND USE, EMPLOYMENT, AND ENGINEERING DATA. THE MODEL WILL GRAPHICALLY REPRESENT AIR BASE MOTOR VEHICLE OPERATION ON VOLUME/FLOW MAPS, AND WILL OUTPUT A FILE OF TRAFFIC FLOWS FOR INPUT TO THE AQAM (AIR QUALITY ASSESSMENT) MODEL.1

AD-A079 556 SRI INTERNATIONAL MENLO PARK CA F/G 15/5
USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIM--ETC(U)
SEP 79 R SANDYS F08635-76-D-0132
UNCLASSIFIED AFESC/ESL-TR-79-16-VOL-3 NL

3 OF 3
AD A
079556



END
DATE
FILMED
2 — 80
DDC


1.0
2.8
2.5
3.2
2.2
3.6
4.0
2.0
1.1
1.8
1.25
1.4
1.6
MICROCOPY RESOLUTION TEST CHART

A.1. INPUT LISTING: OF EACH DATA CARD - WITH MODIFICATIONS MADE BY SUBROUTINE INPT.

```
78/ 8/22      DAVIS-MONTHAN        AM RUSH PREDICTIVE------
1 186  37  37  37   9   3  -0   1  -0  1611***700. 6.3600.  -0.  -0.22401*9*777
2  1    2   508550.  3561620.  508930.  3561240.  -0  40.    0    0  179   0.  10.00000   0.03550.0
2  2    1   508550.  3561620.  508930.  3561240.  -0  40.    4    0    0   0.  10.00000   0.03550.0
2  3    2   508930.  3561240.  511310.  3561240.  -0  40.    1    0    0   0.  10.00000   0.03550.0
2  4    2   508930.  3561240.  511310.  3561240.  -0  40.    0   89    0   0.  10.00000   0.03550.0
2  5    3   511810.  3561600.  512200.  3561180.  -0  30.  186    0    0   0.  10.00000   0.03550.0
2  6    2   511810.  3561600.  512200.  3561180.  -0  30.   14   99    0   0.  10.00000   0.03550.0
2  7    1   510870.  3561030.  511080.  3561040.  -0  25.    0    0    0   0.  10.00000   0.03550.0
2  8    1   510870.  3561030.  511080.  3561040.  -0  25.   10   93    0   0.  10.00000   0.03550.0
2  9    1   511080.  3561040.  511310.  3561040.  -0  25.    7    0   93   0.  10.00000   0.03550.0
2 10    1   511080.  3561040.  511310.  3561040.  -0  25.   12   95   90   0.  10.00000   0.03550.0
2 11    1   511310.  3561040.  511790.  3561040.  -0  25.    9   90   95   0.  10.00000   0.03550.0
2 12    1   511310.  3561040.  511790.  3561040.  -0  25.    0   97    0   0.  10.00000   0.03550.0
2 13    1   512200.  3561180.  512580.  3560830.  -0  30.    5    0    0   0.  10.00000   0.03550.0
2 14    1   512200.  3561180.  512580.  3560830.  -0  30.   36  135    0   0.  10.00000   0.03550.0
2 15    1   510870.  3560800.  511090.  3560810.  -0  25.    0   92  113   0.  10.00000   0.03550.0
2 16    1   510870.  3560800.  511090.  3560810.  -0  25.   18  115   94   0.  10.00000   0.03550.0
2 17    1   511090.  3560810.  511310.  3560820.  -0  25.   15   94  115   0.  10.00000   0.03550.0
2 18    1   511090.  3560810.  511310.  3560820.  -0  25.   20  117   96   0.  10.00000   0.03550.0
2 19    1   511310.  3560820.  511790.  3560820.  -0  25.   17   96  117   0.  10.00000   0.03550.0
2 20    1   511310.  3560820.  511790.  3560820.  -0  25.    0   22   98   0.  10.00000   0.03550.0
2 21    2   511790.  3560820.  511830.  3560790.  -0  25.    0   98   19   0.  10.00000   0.03550.0
2 22    2   511790.  3560820.  511830.  3560790.  -0  25.    0  125   24   0.  10.00000   0.03550.0
2 23    2   511830.  3560790.  511880.  3560780.  -0  30.    0   21  125   0.  10.00000   0.03550.0
2 24    2   511830.  3560790.  511880.  3560780.  -0  30.   26  131    0   0.  10.00000   0.03550.0
2 25    2   511880.  3560780.  512020.  3560780.  -0  30.   23    0  131   0.  10.00000   0.03550.0
2 26    2   511880.  3560780.  512020.  3560780.  -0  30.   28    0    0   0.  10.00000   0.03550.0
2 27    2   512020.  3560780.  512210.  3560980.  -0  30.   25    0    0   0.  10.00000   0.03550.0
2 28    2   512020.  3560780.  512210.  3560980.  -0  30.  100    0    0   0.  10.00000   0.03550.0
2 29    1   511550.  3560590.  511830.  3560590.  -0  25.    0    0  123   0.  10.00000   0.03550.0
2 30    1   511550.  3560590.  511830.  3560590.  -0  25.    0  127  126   0.  10.00000   0.03550.0
2 31    1   511300.  3560440.  511550.  3560440.  -0  25.    0  120  121   0.  10.00000   0.03550.0
2 32    1   511300.  3560440.  511550.  3560440.  -0  25.    0    0  124   0.  10.00000   0.03550.0
2 33    1   511200.  3559440.  511580.  3559070.  -0  25.    0    0    0   0.  10.00000   0.03550.0
2 34    1   511200.  3559440.  511580.  3559070.  -0  25.    0    0    0   0.  10.00000   0.03550.0
2 35    1   512580.  3560830.  512730.  3560680.  -0  30.   13    0  135   0.  10.00000   0.03550.0
2 36    1   512580.  3560830.  512730.  3560680.  -0  30.   56    0  106   0.  10.00000   0.03550.0
2 37    1   510670.  3560300.  510870.  3560300.  -0  25.    0    0    0   0.  10.00000   0.03550.0
2 38    1   510670.  3560300.  510870.  3560300.  -0  25.    0    0    0   0.  10.00000   0.03550.0
2 39    1   510870.  3560300.  511100.  3560300.  -0  25.    0  114  143   0.  10.00000   0.03550.0
2 40    1   510870.  3560300.  511100.  3560300.  -0  25.   42  145  116   0.  10.00000   0.03550.0
2 41    1   511100.  3560300.  511300.  3560310.  -0  25.   39  116  145   0.  10.00000   0.03550.0
2 42    1   511100.  3560300.  511300.  3560310.  -0  25.   44  149  122   0.  10.00000   0.03550.0
2 43    1   511300.  3560310.  511830.  3560330.  -0  25.   41  122  149   0.  10.00000   0.03550.0
2 44    1   511300.  3560310.  511830.  3560330.  -0  25.   46  153  128   0.  10.00000   0.03550.0
2 45    1   511830.  3560330.  511890.  3560330.  -0  25.   43  128  153   0.  10.00000   0.03550.0
2 46    1   511830.  3560330.  511890.  3560330.  -0  25.   48    0  132   0.  10.00000   0.03550.0
2 47    1   511890.  3560330.  512020.  3560330.  -0  25.   45  132    0   0.  10.00000   0.03550.0
2 48    1   511890.  3560330.  512020.  3560330.  -0  25.   50  157    0   0.  10.00000   0.03550.0
2 49    1   512020.  3560330.  512220.  3560330.  -0  25.   47    0  157   0.  10.00000   0.03550.0
2 50    1   512020.  3560330.  512220.  3560330.  -0  25.   52  159  136   0.  10.00000   0.03550.0
2 51    1   512220.  3560330.  512790.  3560370.  -0  15.   49  136  159   0.  10.00000   0.03550.0
2 52    1   512220.  3560330.  512790.  3560370.  -0  15.    0   68    0   0.  10.00000   0.03550.0
2 53    1   511330.  3559540.  511680.  3559160.  -0  25.  141   75   78   0.  10.00000   0.03550.0
2 54    1   511330.  3559540.  511680.  3559160.  -0  25.    0  178    0   0.  10.00000   0.03550.0
2 55    1   512730.  3560680.  513120.  3560310.  -0  30.   35  106    0   0.  10.00000   0.03550.0
2 56    1   512730.  3560680.  513120.  3560310.  -0  30.   70  165    0   0.  10.00000   0.03550.0
2 57    1   511100.  3560060.  511300.  3560060.  -0  25.    0  146  147   0.  10.00000   0.03550.0
```

2	58	1	511100.	3560060.	511300.	3560060.	-0	25.	0	151	150	0.	10.00000	0.03550.0
2	59	1	510900.	3559960.	511100.	3559920.	-0	25.	0	144	0	0.	10.00000	0.03550.0
2	60	1	510900.	3559960.	511100.	3559920.	-0	25.	62	0	148	0.	10.00000	0.03550.0
2	61	1	511100.	3559920.	511310.	3559850.	-0	15.	59	148	0	0.	10.00000	0.03550.0
2	62	1	511100.	3559920.	511310.	3559850.	-0	15.	64	177	152	0.	10.00000	0.03550.0
2	63	1	511310.	3559850.	511830.	3559890.	-0	25.	61	152	177	0.	10.00000	0.03550.0
2	64	1	511310.	3559850.	511830.	3559890.	-0	25.	0	129	134	0.	10.00000	0.03550.0
2	65	1	511830.	3559950.	512020.	3559950.	-0	25.	0	154	133	0.	10.00000	0.03550.0
2	66	1	511830.	3559950.	512020.	3559950.	-0	25.	0	0	158	0.	10.00000	0.03550.0
2	67	2	512790.	3560370.	512990.	3560190.	-0	25.	0	0	51	0.	10.00000	0.03550.0
2	68	2	512790.	3560370.	512990.	3560190.	-0	25.	72	0	166	0.	10.00000	0.03550.0
2	69	1	513120.	3560310.	513460.	3560000.	-0	30.	55	0	165	0.	10.00000	0.03550.0
2	70	1	513120.	3560310.	513460.	3560000.	-0	30.	0	175	168	0.	10.00000	0.03550.0
2	71	1	512990.	3560190.	513170.	3560030.	-0	25.	67	166	0	0.	10.00000	0.03550.0
2	72	1	512990.	3560190.	513170.	3560030.	-0	25.	0	173	0	0.	10.00000	0.03550.0
2	73	1	510830.	3559850.	510900.	3559960.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2	74	1	510830.	3559850.	510900.	3559960.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2	75	1	511580.	3559070.	511680.	3559160.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2	76	1	511580.	3559070.	511680.	3559160.	-0	25.	78	141	54	0.	10.00000	0.03550.0
2	77	1	511680.	3559160.	511850.	3559290.	-0	25.	75	54	141	0.	10.00000	0.03550.0
2	78	1	511680.	3559160.	511850.	3559290.	-0	25.	0	155	86	0.	10.00000	0.03550.0
2	79	1	511900.	3559220.	513170.	3559290.	-0	30.	0	156	171	0.	10.00000	0.03550.0
2	80	1	511900.	3559220.	513170.	3559290.	-0	30.	82	0	174	0.	10.00000	0.03550.0
2	81	1	513170.	3559290.	513470.	3559250.	-0	30.	79	174	0	0.	10.00000	0.03550.0
2	82	1	513170.	3559290.	513470.	3559250.	-0	30.	84	0	176	0.	10.00000	0.03550.0
2	83	1	513470.	3559250.	514600.	3559250.	-0	30.	81	176	0	0.	10.00000	0.03550.0
2	84	1	513470.	3559250.	514600.	3559250.	-0	30.	0	0	0	0.	10.00000	0.03550.0
2	85	1	511310.	3559850.	511850.	3559290.	-0	25.	155	77	130	0.	10.00000	0.03550.0
2	86	1	511310.	3559850.	511850.	3559290.	-0	25.	61	152	177	0.	10.00000	0.03550.0
2	87	1	512040.	3558630.	512130.	3558710.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2	88	1	512040.	3558630.	512130.	3558710.	-0	25.	0	0	142	0.	10.00000	0.03550.0
2	89	2	511310.	3561040.	511310.	3561240.	-0	25.	95	9	12	0.	10.00000	0.03550.0
2	90	1	511310.	3561040.	511310.	3561240.	-0	25.	0	0	3	0.	10.00000	0.03550.0
2	91	1	510870.	3560800.	510870.	3561030.	-0	25.	113	0	16	0.	10.00000	0.03550.0
2	92	1	510870.	3560800.	510870.	3561030.	-0	25.	0	8	0	0.	10.00000	0.03550.0
2	93	1	511090.	3560810.	511080.	3561040.	-0	25.	115	15	18	0.	10.00000	0.03550.0
2	94	1	511090.	3560810.	511080.	3561040.	-0	25.	0	10	7	0.	10.00000	0.03550.0
2	95	1	511310.	3560820.	511310.	3561040.	-0	25.	117	17	20	0.	10.00000	0.03550.0
2	96	1	511310.	3560820.	511310.	3561040.	-0	25.	90	12	9	0.	10.00000	0.03550.0
2	97	1	511790.	3560820.	511790.	3561040.	-0	25.	0	19	22	0.	10.00000	0.03550.0
2	98	1	511790.	3560820.	511790.	3561040.	-0	25.	0	0	11	0.	10.00000	0.03550.0
2	99	2	512210.	3560980.	512200.	3561180.	-0	30.	27	0	0	0.	10.00000	0.03550.0
2	100	2	512210.	3560980.	512200.	3561180.	-0	30.	0	14	5	0.	10.00000	0.03550.0
2	101	1	512800.	3561060.	512940.	3561340.	-0	15.	103	0	0	0.	10.00000	0.03550.0
2	102	1	512800.	3561060.	512940.	3561340.	-0	15.	0	0	0	0.	10.00000	0.03550.0
2	103	1	512880.	3560830.	512820.	3561060.	-0	15.	0	105	108	0.	10.00000	0.03550.0
2	104	1	512880.	3560830.	512820.	3561060.	-0	15.	102	0	0	0.	10.00000	0.03550.0
2	105	1	512730.	3560680.	512880.	3560830.	-0	15.	0	35	56	0.	10.00000	0.03550.0
2	106	1	512730.	3560680.	512880.	3560830.	-0	15.	0	108	104	0.	10.00000	0.03550.0
2	107	1	512880.	3560830.	513120.	3560770.	-0	15.	0	104	105	0.	10.00000	0.03550.0
2	108	1	512880.	3560830.	513120.	3560770.	-0	15.	110	0	0	0.	10.00000	0.03550.0
2	109	1	513120.	3560770.	513350.	3560920.	-0	15.	107	0	0	0.	10.00000	0.03550.0
2	110	1	513120.	3560770.	513350.	3560920.	-0	15.	0	0	0	0.	10.00000	0.03550.0
2	111	1	510670.	3560300.	510650.	3561030.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2	112	1	510670.	3560300.	510650.	3561030.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2	113	1	510870.	3560300.	510870.	3560800.	-0	25.	143	0	40	0.	10.00000	0.03550.0
2	114	1	510870.	3560300.	510870.	3560800.	-0	25.	92	16	0	0.	10.00000	0.03550.0
2	115	1	511100.	3560300.	511090.	3560810.	-0	25.	145	39	42	0.	10.00000	0.03550.0
2	116	1	511100.	3560300.	511090.	3560810.	-0	25.	94	18	15	0.	10.00000	0.03550.0
2	117	1	511300.	3560600.	511310.	3560820.	-0	25.	119	0	0	0.	10.00000	0.03550.0
2	118	1	511300.	3560600.	511310.	3560820.	-0	25.	95	20	17	0.	10.00000	0.03550.0

2119	1	511300.	3560440.	311300.	3560600.	-0	25.	121	0	32	0.	10.00000	0.03550.0
2120	1	511300.	3560440.	511300.	3560600.	-0	25.	118	0	0	0.	10.00000	0.03550.0
2121	1	511300.	3560310.	511300.	3560440.	-0	25.	149	41	44	0.	10.00000	0.03550.0
2122	1	511300.	3560310.	511300.	3560440.	-0	25.	120	32	0	0.	10.00000	0.03550.0
2123	1	511550.	3560440.	511550.	3560590.	-0	25.	0	31	0	0.	10.00000	0.03550.0
2124	1	511550.	3560440.	511550.	3560590.	-0	25.	0	30	0	0.	10.00000	0.03550.0
2125	1	511830.	3560590.	511830.	3560790.	-0	25.	127	29	0	0.	10.00000	0.03550.0
2126	2	511830.	3560590.	511830.	3560790.	-0	25.	21	24	0	0.	10.00000	0.03550.0
2127	1	511830.	3560330.	511830.	3560590.	-0	25.	153	43	46	0.	10.00000	0.03550.0
2128	2	511830.	3560330.	511830.	3560590.	-0	25.	126	0	29	0.	10.00000	0.03550.0
2129	1	511850.	3559290.	511830.	3559890.	-0	25.	77	86	155	0.	10.00000	0.03550.0
2130	1	511850.	3559290.	511830.	3559890.	-0	25.	134	0	63	0.	10.00000	0.03550.0
2131	1	511890.	3560330.	511880.	3560780.	-0	25.	0	45	48	0.	10.00000	0.03550.0
2132	1	511890.	3560330.	511880.	3560780.	-0	25.	0	26	23	0.	10.00000	0.03550.0
2133	1	511830.	3559890.	511830.	3559950.	-0	25.	129	63	0	0.	10.00000	0.03550.0
2134	1	511830.	3559890.	511830.	3559950.	-0	22.	154	66	0	0.	10.00000	0.03550.0
2135	1	512220.	3560330.	512580.	3560830.	-0	15.	159	49	52	0.	10.00000	0.03550.0
2136	1	512220.	3560330.	512580.	3560830.	-0	15.	0	36	13	0.	10.00000	0.03550.0
2137	1	511580.	3559070.	512040.	3558630.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2138	1	511580.	3559070.	512040.	3558630.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2139	1	510830.	3559850.	510670.	3560300.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2140	1	510830.	3559850.	510670.	3560300.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2141	1	511680.	3559160.	512130.	3558710.	-0	25.	0	87	0	0.	10.00000	0.03550.0
2142	1	511680.	3559160.	512130.	3558710.	-0	25.	54	78	75	0.	10.00000	0.03550.0
2143	1	510900.	3559960.	510870.	3560300.	-0	25.	0	0	60	0.	10.00000	0.03550.0
2144	1	510900.	3559960.	510870.	3560300.	-0	25.	114	40	0	0.	10.00000	0.03550.0
2145	1	511100.	3560060.	511100.	3560300.	-0	25.	147	0	58	0.	10.00000	0.03550.0
2146	1	511100.	3560060.	511100.	3560300.	-0	25.	116	42	39	0.	10.00000	0.03550.0
2147	1	511100.	3559920.	511100.	3560060.	-0	25.	0	59	62	0.	10.00000	0.03550.0
2148	1	511100.	3559920.	511100.	3560060.	-0	25.	146	58	0	0.	10.00000	0.03550.0
2149	1	511300.	3560060.	511300.	3560310.	-0	25.	151	57	0	0.	10.00000	0.03550.0
2150	1	511300.	3560060.	511300.	3560310.	-0	25.	122	44	41	0.	10.00000	0.03550.0
2151	1	511310.	3559850.	511300.	3560060.	-0	25.	177	61	64	0.	10.00000	0.03550.0
2152	1	511310.	3559850.	511300.	3560060.	-0	25.	150	0	57	0.	10.00000	0.03550.0
2153	1	511830.	3559950.	511830.	3560330.	-0	25.	133	0	66	0.	10.00000	0.03550.0
2154	1	511830.	3559950.	511830.	3560330.	-0	25.	128	46	43	0.	10.00000	0.03550.0
2155	1	511850.	3559290.	511900.	3559220.	-0	25.	171	0	80	0.	10.00000	0.03550.0
2156	1	511850.	3559290.	511900.	3559220.	-0	25.	86	130	77	0.	10.00000	0.03550.0
2157	1	512020.	3559950.	512020.	3560330.	-0	15.	0	65	0	0.	10.00000	0.03550.0
2158	1	512020.	3559950.	512020.	3560330.	-0	15.	0	50	47	0.	10.00000	0.03550.0
2159	1	512220.	3561090.	512220.	3560330.	-0	15.	161	0	0	0.	10.00000	0.03550.0
2160	1	512220.	3561090.	512220.	3560330.	-0	15.	136	52	49	0.	10.00000	0.03550.0
2161	1	512220.	3561090.	512560.	3559790.	-0	15.	0	0	0	0.	10.00000	0.03550.0
2162	1	512220.	3561090.	512560.	3559790.	-0	15.	160	0	0	0.	10.00000	0.03550.0
2163	1	512560.	3559790.	512990.	3560190.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2164	1	512560.	3559790.	512990.	3560190.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2165	1	512990.	3560190.	513120.	3560310.	-0	25.	0	67	72	0.	10.00000	0.03550.0
2166	1	512990.	3560190.	513120.	3560310.	-0	25.	0	70	55	0.	10.00000	0.03550.0
2167	1	513460.	3560000.	513460.	3560320.	-0	30.	175	69	0	0.	10.00000	0.03550.0
2168	1	513460.	3560000.	513460.	3560320.	-0	30.	184	0	0	0.	10.00000	0.03550.0
2169	1	510830.	3559850.	511200.	3559440.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2170	1	510830.	3559850.	511200.	3559440.	-0	25.	0	0	0	0.	10.00000	0.03550.0
2171	1	511900.	3559220.	512290.	3558840.	-0	40.	0	0	0	0.	10.00000	0.03550.0
2172	1	511900.	3559220.	512290.	3558840.	-0	40.	156	80	0	0.	10.00000	0.03550.0
2173	1	513170.	3559290.	513170.	3560030.	-0	15.	0	79	82	0.	10.00000	0.03550.0
2174	1	513170.	3559290.	513170.	3560030.	-0	15.	71	0	0	0.	10.00000	0.03550.0
2175	1	513470.	3559250.	513460.	3560000.	-0	30.	0	81	84	0.	10.00000	0.03550.0
2176	1	513470.	3559250.	513460.	3560000.	-0	30.	168	0	69	0.	10.00000	0.03550.0
2177	1	511330.	3559540.	511310.	3559850.	-0	15.	0	0	53	0.	10.00000	0.03550.0
2178	1	511330.	3559540.	511310.	3559850.	-0	15.	152	64	61	0.	10.00000	0.03550.0
2179	1	508500.	3561620.	508550.	3561620.	-0	40.	0	0	0	0.	10.00000	0.03550.0

```
2180    1   508500.  3561620.   508550.  3561620.   -0  40.    0    2    0   0.  10.00000   0.03550.0
2181    1   511810.  3561600.   513460.  3561600.   -0  30.    0  186    6   0.  10.00000   0.03550.0
2182    1   511810.  3561600.   513460.  3561600.   -0  30.    0  183    0   0.  10.00000   0.03550.0
2183    1   513460.  3560320.   513460.  3561600.   -0  30.  167    0    0   0.  10.00000   0.03550.0
2184    1   513460.  3560320.   513460.  3561600.   -0  30.    0    0  181   0.  10.00000   0.03550.0
2185    2   511750.  3561680.   511810.  3561600.   -0  30.    6    0  182   0.  10.00000   0.03550.0
2186    3   511750.  3561680.   511810.  3561600.   -0  30.    0    0    0   0.  10.00000   0.03550.0
3  1  185  181    5    0    2  120 15. 15. -0. -0.  3.2400.2400.2400.  -0.
3  2    0   13  100    6    0   -0 -0. -0. -0. -0. -0.  -0.2400.  -0.  -0.
3  3    0    9   94    8   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  4   69   11   96   10   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  5   91   15  114    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  6    0   35  136   14   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  7   93   17  116   16   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3  8   95   19  118   18    1   60 29. 31.  0.  0.  4.  -0.2400.  -0.  -0.
3  9   97   21    0   20   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 10    0   23  126   22    3  110  0. 54. 12. 32.  3.   0.2400.2400.2400.
3 11    0   25  132   24   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 12  125    0  128   30   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 13  119   31  122    0   -3   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 14    3   [illegible]   55    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 15  113   [illegible]  144    0   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 16  115   41  146   40   -2   -0 -0. -0. -0. -0. -0.2400.2400.2400.2400.
3 17  121   43  150   42    1   60 30. 30.  0.  0.  2.  -0.2400.  -0.2400.
3 18  127   45  154   44    1   60 30. 30.  0.  0.  3.2400.2400.2400.2400.
3 19  131   47    0   46   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 20    0   49  158   48   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 21  135   51  160   50   -4   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 22   53   77  142   76   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 23   56    0   69  166   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 24  145   57  148    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 25  149    0  152   58   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 26  147   61    0   60   -2   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 27  133    0  130   64   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 28  153   65  134    0   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 29  165   71    0   68   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 30  167    0  176   70   -1   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.2400.
3 31  129  156   79   85   -4   -0 -0. -0. -0. -0. -0.2400.  -0.  -0.  -0.
3 32   79  172    0  155   -1   -0 -0. -0. -0. -0. -0.2400.  -0.  -0.  -0.
3 33  173   81    0   80   [illegible]   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 34  175   83    0   [illegible]   [illegible]   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 35  103  107    0  10[illegible]   [illegible]   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 36  151    0   86   [illegible]   [illegible]   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
3 37    0   63  178   [illegible]   [illegible]   -0 -0. -0. -0. -0. -0.  -0.  -0.  -0.  -0.
4 A72.21.-0. 1. 1. 5.18.[illegible].21. 1.-0. 1. 4 183 184 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 B72.21.-0. 1. 1. 5.18.[illegible].21. 1.-0. 1. 4 185 186 183 184  -0  -0  -0  -0  -0  -0  -0  -0
4 C72.21.-0. 1. 1. 5.18.[illegible].21. 1.-0. 1. 4 185 186 183 184  -0  -0  -0  -0  -0  -0  -0  -0
4 D72.21.-0. 1. 1. 5.1[illegible].21. 1.-0. 1. 4 183 184 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 E72.21.-0. 1. 1. 5.1[illegible].21. 1.-0. 1. 4 179 180 185 186 183 184  -0  -0  -0  -0  -0  -0
4 F72.21.-0. 1. 1. 5.1[illegible].21. 1.-0. 1. 4 179 180 185 186 183 184  -0  -0  -0  -0  -0  -0
4 G72.21.-0. 1. 1. 5.18.[illegible].21. 1.-0. 1. 4 179 180 185 186 183 184  -0  -0  -0  -0  -0  -0
4 H72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 I72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0. 1. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 J72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0.-0. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 K72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0.-0. 4 179 180 185 186  -0  -0  -0  -0  -0  -0  -0  -0
4 L72.21.-0. 1. 1. 5.18.50. 9.21. 1.-0.-0. 6 179 180 183 184 185 186  -0  -0  -0  -0  -0  -0
4 160.14.-0.-0. 1. 3.18.50. 9.21. 1.-0.-0.10  -8 -10 -12 -97 -22 -24 -26 -28-100  -5  89  90
4 267.19.-0.-0.-0. 5. 4.60.18.18.-0.-0. 1. 4 111 -38 114  92  91 113 112  -0  -0  -0  -0  -0
4 367.19.-0.-0.-0. 5.-0.41.-0.59.-0.-0. 1. 4 139 -74 144 -37 143 140  -0  -0  -0  -0  -0  -0
4 467.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 4  16  94   7  91  92   8  93  15  -0  -0  -0  -0
4 567.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 4  18  96   9  93  94  10  95  17  -0  -0  -0  -0
```

```
4 667.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 4  40 116  15 113 114  16 115  39  -0  -0  -0  -0
4 767.19.-0.-0.-0. 5.18.50. 9.21. 1.-0.-0. 6  42-122 120 118  17 115 116  18 117 119  41  -0
4 877.19.-0. 1. 1. 2.-0.-0. 9.21. 1.-0.-0. 4  20  98  11  95  96  12  97  19  -0  -0  -0  -0
4 979.19.-0.-0.-0. 2.-0.50.50.-0.-0.-0. 1. 8  32-124  30 126 -21  19 117-119  31 118  20  29
41079.16.-0. 1. 1. 3.99.-0.-0.-0. 1.-0.-0. 6  44 128  29 123  31 121 122  32 124  30 127  43
41181.16.-0.-0.-0. 3.-0.88.-0.12.-0.-0.-0. 6 -25 -23-125 127 -46  48  47 128 131 132  -0  -0
41273.21.-0.-0. 1. 5.-0.50. 9.21. 1.-0.-0. 9 -50  52  68-166 -55 -35 -13 -99 -27  51 135 136
41363.14.-0. 2. 2. 9.10.45.-0.45.-0.-0. 1. 5  60-148 146  39 143 144  40 145  59  -0  -0  -0
41466.15.-0.-0.-0. 9.99.-0.-0.-0.-0.-0. 1. 4  58 150  41 145 146  42 149  57  -0  -0  -0  -0
41564.26.-0.-0.-0. 0. 2.82.-0.16.-0.-0. 1. 4 -62 152  57 147 148  58 151  -0  -0  -0  -0  -0
41662.26.-0.-0.-0. 2. 7.49.31.13.-0.-0. 1. 6  64-134 154  43 149 151 152 150  44 153  63  -0
41763.24.-0.-0.-0. 3.18.50. 9.21. 1.-0. 1. 5 158  47 -45 153  66  65 154  48 157  -0  -0  -0
41848.32.-0.-0.-0.10.18.50. 9.21. 1.-0. 1. 5 -65-133  63  85-155  86  64 129 130  -0  -0  -0
41973.21.-0.-0. 1. 5.18.50. 9.21. 1.-0. 1. 5-164 -67  51 -49-157  52 159 160 161 162  -0  -0
42067.21.-0.-0.-0. 5. 7.44.-0.49.-0.-0. 1. 5 178  61 -59 -73-169  62 177  -0  -0  -0  -0  -0
42160.25.-0.-0.-0. 8.17.54. 2.17.10.-0. 1. 5 -33  76  78 -86 177 178  77  75  -0  -0  -0  -0
42268.21.-0.-0.-0. 7. 6.47.-0.47.-0.-0. 1. 6-172-156  77  75-137  88  87  76  78  -0  -0  -0
42370.21.-0.-0.-0. 5.-0.91. 9.-0.-0.-0. 1. 6 -82 176 -69 165  72 173 174  71 166 175  -0  -0
42473.21.-0.-0. 1. 5.11.65. 3.19. 2.-0.-0. 1  83  84  -0  -0  -0  -0  -0  -0  -0  -0  -0  -0
42564.21.-0.-0. 1. 5. 7.41.27.21. 4.-0. 1. 8  -6  14 -36  56  70-168-184-181  69  55  13  -0
5 A5 680. 720.      -0.      -0.     776.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 B51080.1080.      -0.      -0.     905.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 C5 480. 480.      -0.      -0.    1293.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 D5 880. 850.      -0.      -0.     323.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 E5 450. 480.      -0.      -0.     776.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 F5 880. 900.      -0.      -0.     129.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 G51500.1920.      -0.      -0.     517.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 H5 720.1050.      -0.      -0.     323.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 I5 480. 960.      -0.      -0.     388.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 J5 840.1320.      -0.      -0.     647.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 K51020.1500.      -0.      -0.     259.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 L51140.1620.      -0.      -0.     194.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 12  24.   -0.      10.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 27 335.   -0.     575.       9.      -0.      -0.      -0.      -0.      -0.      -0.  -0. 138099.
5 37 216.   -0.     635.       9.      -0.      -0.      -0.      -0.      -0.      -0.  -0. 154470.
5 46  14.   -0.       0.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 56   0.   -0.       0.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 66 645.   -0.     158.       0.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5 76 589.   -0.      28.      89.      -0.      -0.       8.      -0.      -0.      -0.  -0.      -0.
5 83 833.   -0.       1.       0.      -0.      -0.      -0.     176.      -0.      -0.  -0.      -0.
5 94 614.   -0.      85.      44.      -0.      -0.      -0.      -0.      -0.     129.  -0.    6025.
5103 913.   -0.      15.     106.      -0.      -0.      -0.     180.      -0.      -0.  -0.   14711.
5111 417.   -0.       0.      75.      -0.     214.       8.      -0.      -0.      75.  -0. 110947.
5121  51.   -0.       0.       0.     138.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5136 501.   -0.      92.      17.      -0.      -0.      -0.      -0.      -0.      -0.  -0.   69022.
5143 346.   -0.     190.      46.      -0.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
5156 152.   -0.     238.     215.      -0.      -0.      -0.      -0.      -0.      -0.  -0. 518447.
51611160.   -0.      -0.      -0.      -0.     643.      -0.      -0.      -0.      -0.  -0.1620355.
5174 172.   -0.       0.       2.      -0.      -0.      -0.      -0.      -0.       2.  -0.      -0.
5184 560.   -0.      70.      45.      -0.      -0.      -0.      -0.      -0.      45.  -0.      -0.
5191   0.   -0.       0.       0.     202.      -0.      -0.      -0.      -0.      -0.  -0.      -0.
52071035.   -0.    1297.       3.      -0.      -0.      -0.      -0.      -0.      -0.  -0. 221067.
5217 954.   -0.     514.      12.      -0.      -0.      -0.      -0.      -0.      -0.  -0. 769424.
5227 551.   -0.     221.      22.      -0.      -0.      -0.      -0.      -0.      -0.  -0. 301423.
5234 431.   -0.     435.       6.      -0.      -0.      -0.      -0.     318.      -0.  -0.  48131.
5242   0.   -0.     249.     834.      -0.      -0.      -0.      -0.      -0.      -0.  -0.1214381.
5251   0.   -0.       0.       0.     355.      -0.      -0.      -0.      -0.      -0.  -0. 379633.
6HOME-WORK   .99 .990 1   .0500   .7000= 2   .0500   .7000= 3   .5600   .0400= 4   .5600   .0400
6HOME        .99 .991-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6INDUSTRIAL  .50 .502-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6SHOPPING    .10 .103 6   .8300   .8300=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
```

```
6SERV/REC    .10 .104 5 2.0000 2.00004 7  .2400  .24004 8  .8900  .8900=-0-0.0000-0.0000
6EXTERNAL    .80 .205-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6ADMIN.      .50 .506-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6FLT.LINE    .50 .507-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
6MILITARY    .90 .90010  .0001  .0001=-0-0.0000-0.0000=-0-0.0000-0.0000=-0-0.0000-0.0000
7  1    5    6 149. 917.  41.  46.  32.  30. 250. 285. 195. 187.
7  2  168  167  98. 723.  22.  33.  25.  18. 165. 242. 185. 131.
7  3    1    2 173. 370.  46.  53.  40.  32. 102. 114.  86.  68.
9 1.20 1.20 1.00 1.00 1.00 1.00 1.20 1.20 1.00 1.00 1.00 1.0020.00 800.
1110701   0. 143. 315.   0.   0.  44.  11.   1.  30.  17.   3.   0.  29. 220. 453. 145.   0.  16.
          0. 665. 333.  41. 395. 887.   0.
1110711   0.   2.   0.   0.   0.   0.   4.   0.  38.  43.   0.   0.   0.   0.   0.  45.   0.   2.
          0.   0.   0. 120.   0.  19.   0.
1110731   0. 304.  30.   0.   0.   0.  77.   0.   2.   0.   0.   0.   0.   0.   0.  18.   0.   1.
          0. 116.  46.  62.   0.  14.   0.
1110741   0.   0.   0.   0.   0.   0.   0.   0.   0.   3.   0.   0.   0.   0.   0.   0.   0.   0.
          0.   0.   0.   0.   0.   0.   0.
1120701   0.  15.  62.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   2.   0.  24.   0.   5.
          0. 114.  53.  41.   0.   4.   0.
1120711   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
          0.   0.   0.   0.   0.   0.   0.
1120731   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
          0.  27.   2.  10.  21.   0.   0.
1120741   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.   0.
          0.   0.   0.   0.   0.   0.   0.

2  -0.  -0. 1000.   0.   0.   0.   0.   6    1  -0.  -0.
X=000=000=000=.07=000=000=000.980=000=000=000=.56=000=000=000
T1=   3.810    T2=  10.416    T2-T1=   6.606
```

B. INITIALIZATION DAVIS-MONTHAN AM RUSH PREDICTIVE------

B.1. ZONE PARKING CAPACITIES AND TRIP LENGTHS

ZONE	CAPACITY	LENGTH	TRAVEL TIME	ALTERNATE TRAVEL TIME
A	-0.	1281.	680.	720.
B	-0.	1281.	1080.	1080.
C	-0.	1280.	480.	480.
D	-0.	1281.	880.	850.
E	-0.	104.	450.	480.
F	-0.	109.	880.	900.
G	-0.	115.	1500.	1920.
H	-0.	107.	720.	1050.
I	-0.	105.	480.	960.
J	-0.	108.	840.	1320.
K	-0.	110.	1020.	1500.
L	-0.	1281.	1140.	1620.
1	24.	575.	90.	90.
2	335.	746.	116.	116.
3	216.	493.	77.	77.
4	14.	232.	36.	36.
5	1516.	450.	70.	70.
6	645.	552.	86.	86.
7	589.	549.	86.	86.
8	833.	538.	84.	84.
9	614.	523.	82.	82.
10	913.	588.	92.	92.
11	417.	314.	49.	49.
12	51.	574.	90.	90.
13	501.	390.	61.	61.
14	346.	296.	46.	46.
15	152.	244.	38.	38.
16	1160.	603.	94.	94.
17	172.	395.	62.	62.
18	560.	802.	125.	125.
19	11856.	587.	92.	92.
20	1035.	615.	96.	96.
21	954.	819.	128.	128.
22	551.	665.	104.	104.
23	431.	769.	120.	120.
24	1759.	1130.	177.	177.
25	40629.	2472.	386.	386.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

C.1. ARRAY OF LAND USE PRODUCTIONS AND ATTRACTIONS

FROM/TO	HOME	INDS	SHOP	SERV	EXTN	ADMN	FLTL
HOME	124.	0.	88.	52.	85.	0.	34.
INDS	8.	0.	11.	12.	0.	5.	17.
SHOP	54.	8.	44.	28.	51.	32.	79.
SERV	96.	18.	29.	42.	25.	18.	7.
EXTN	88.	0.	51.	43.	0.	0.	0.
ADMN	18.	0.	14.	21.	0.	0.	26.
FLTL	91.	0.	58.	35.	0.	23.	0.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 800. HOURS

C.2. TRIP PRODUCTIONS (PERSONS)

FROM ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	435	10	0	6	5	0	0	0	0	456
B	EXTN	507	12	0	7	6	0	0	0	0	532
C	EXTN	724	17	0	10	9	0	0	0	0	760
D	EXTN	181	4	0	3	2	0	0	0	0	190
E	EXTN	435	10	0	6	5	0	0	0	0	456
F	EXTN	72	2	0	1	1	0	0	0	0	76
G	EXTN	290	7	0	4	3	0	0	0	0	304
H	EXTN	181	4	0	3	2	0	0	0	0	190
I	EXTN	217	5	0	3	3	0	0	0	0	228
J	EXTN	362	9	0	5	4	0	0	0	0	380
K	EXTN	145	4	0	2	2	0	0	0	0	153
L	EXTN	109	3	0	2	1	0	0	0	0	115
1	INDS	1	0	0	0	0	0	0	0	0	1
2	FLTL	29	13	0	8	5	0	3	0	17	75
3	FLTL	32	14	0	9	5	0	4	0	19	83
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	8	1	0	1	2	0	0	2	0	14
7	ADMN	5	6	0	5	7	0	0	9	0	32
8	SHOP	0	7	1	5	4	6	4	10	0	37
9	SERV	6	28	5	8	12	7	5	2	1	74
10	SHOP	6	30	4	25	16	29	18	45	2	175
11	HOME	124	68	0	48	28	47	0	19	13	347
12	HOME	77	4	0	3	2	3	0	1	0	90
13	ADMN	6	2	0	1	2	0	0	2	8	21
14	SHOP	12	16	2	13	9	16	10	24	0	102
15	ADMN	23	9	0	7	10	0	0	13	62	124
16	HOME	360	31	0	22	13	22	0	9	194	651
17	SERV	0	1	0	0	0	0	0	0	0	1
18	SERV	6	16	3	5	7	4	3	1	0	45
19	HOME	113	6	0	4	2	4	0	2	0	131
20	FLTL	65	16	0	11	7	0	5	0	27	133
21	FLTL	27	26	0	17	10	0	7	0	92	179
22	FLTL	12	20	0	13	8	0	5	0	36	94
23	SERV	22	51	10	16	23	14	9	4	6	155
24	INDS	54	8	0	11	12	0	5	17	146	253
25	HOME	199	14	0	10	6	10	0	4	46	289
TOTAL		4845	476	25	294	233	162	78	164	669	6946

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 800. HOURS

C.3. TRIP ATTRACTIONS (PERSONS)

TO ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	31	0	0	0	0	28	0	0	0	59
B	EXTN	36	0	0	0	0	33	0	0	0	69
C	EXTN	52	0	0	0	0	47	0	0	0	99
D	EXTN	13	0	0	0	0	12	0	0	0	25
E	EXTN	31	0	0	0	0	28	0	0	0	59
F	EXTN	5	0	0	0	0	5	0	0	0	10
G	EXTN	21	0	0	0	0	19	0	0	0	40
H	EXTN	13	0	0	0	0	12	0	0	0	25
I	EXTN	16	0	0	0	0	14	0	0	0	30
J	EXTN	26	0	0	0	0	24	0	0	0	50
K	EXTN	10	0	0	0	0	9	0	0	0	19
L	EXTN	8	0	0	0	0	7	0	0	0	15
1	INDS	7	0	1	0	0	0	0	0	0	8
2	FLTL	408	0	0	0	0	0	0	35	17	460
3	FLTL	450	0	0	0	0	0	0	38	19	507
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	111	0	0	0	0	0	9	0	0	120
7	ADMN	82	0	0	0	0	0	41	0	0	123
8	SHOP	1	0	0	146	0	0	0	0	0	147
9	SERV	90	0	0	0	115	0	0	0	1	206
10	SHOP	84	0	0	149	0	0	0	0	2	235
11	HOME	61	264	0	0	0	0	0	0	13	338
12	HOME	6	16	0	0	0	0	0	0	0	22
13	ADMN	76	0	0	0	0	0	11	0	8	95
14	SHOP	165	0	0	0	0	0	0	0	0	165
15	ADMN	317	0	0	0	0	0	62	0	62	441
16	HOME	26	121	0	0	0	0	0	0	194	341
17	SERV	1	0	0	0	2	0	0	0	0	3
18	SERV	80	0	0	0	40	0	0	0	0	120
19	HOME	8	23	0	0	0	0	0	0	0	31
20	FLTL	910	0	0	0	0	0	0	49	27	986
21	FLTL	368	0	0	0	0	0	0	71	92	531
22	FLTL	170	0	0	0	0	0	0	55	36	261
23	SERV	308	0	0	0	76	0	0	0	6	390
24	INDS	758	0	51	0	0	0	0	0	146	955
25	HOME	14	55	0	0	0	0	0	0	46	115
TOTAL		4763	479	52	295	233	238	123	248	669	7100

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

C.5. TRIP PRODUCTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

FROM ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	435	10	0	6	5	0	0	0	0	456
B	EXTN	507	12	0	7	6	0	0	0	0	532
C	EXTN	724	17	0	10	9	0	0	0	0	760
D	EXTN	181	4	0	3	2	0	0	0	0	190
E	EXTN	435	10	0	6	5	0	0	0	0	456
F	EXTN	72	2	0	1	1	0	0	0	0	76
G	EXTN	290	7	0	4	3	0	0	0	0	304
H	EXTN	181	4	0	3	2	0	0	0	0	190
I	EXTN	217	5	0	3	3	0	0	0	0	228
J	EXTN	362	9	0	5	4	0	0	0	0	380
K	EXTN	145	4	0	2	2	0	0	0	0	153
L	EXTN	109	3	0	2	1	0	0	0	0	115
1	INDS	1	0	0	0	0	0	0	0	0	1
2	FLTL	29	13	0	8	5	0	3	0	17	75
3	FLTL	32	14	0	9	5	0	4	0	19	83
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	8	1	0	1	2	0	0	2	0	14
7	ADMN	5	6	0	5	7	0	0	9	0	32
8	SHOP	0	7	1	5	4	6	4	10	0	37
9	SERV	6	28	5	8	12	7	5	2	1	74
10	SHOP	6	30	4	25	16	29	18	45	2	175
11	HOME	124	68	0	48	28	47	0	19	13	347
12	HOME	77	4	0	3	2	3	0	1	0	90
13	ADMN	6	2	0	1	2	0	0	2	8	21
14	SHOP	12	16	2	13	9	16	10	24	0	102
15	ADMN	23	9	0	7	10	0	0	13	62	124
16	HOME	360	31	0	22	13	22	0	9	194	651
17	SERV	0	1	0	0	0	0	0	0	0	1
18	SERV	6	16	3	5	7	4	3	1	0	45
19	HOME	113	6	0	4	2	4	0	2	0	131
20	FLTL	65	18	0	11	7	0	5	0	27	133
21	FLTL	27	26	0	17	10	0	7	0	92	179
22	FLTL	12	20	0	13	8	0	5	0	36	94
23	SERV	22	51	10	16	23	14	9	4	6	155
24	INDS	54	8	0	11	12	0	5	17	146	253
25	HOME	199	14	0	10	6	10	0	4	46	289
TOTAL		4845	476	25	294	233	162	78	164	669	6946

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

C.6. TRIP ATTRACTIONS MODIFIED BY GATE COUNTS AND SHIFT COUNTS (PERSONS)

TO ZONE	USE	PURPOSE HOME-W	HOME	INDUST	SHOPPI	SERV/R	EXTERN	ADMIN.	FLT.LI	MILITA	TOTAL
A	EXTN	31	0	0	0	0	28	0	0	0	59
B	EXTN	36	0	0	0	0	33	0	0	0	69
C	EXTN	52	0	0	0	0	47	0	0	0	99
D	EXTN	13	0	0	0	0	12	0	0	0	25
E	EXTN	31	0	0	0	0	28	0	0	0	59
F	EXTN	5	0	0	0	0	5	0	0	0	10
G	EXTN	21	0	0	0	0	19	0	0	0	40
H	EXTN	13	0	0	0	0	12	0	0	0	25
I	EXTN	16	0	0	0	0	14	0	0	0	30
J	EXTN	26	0	0	0	0	24	0	0	0	50
K	EXTN	10	0	0	0	0	9	0	0	0	19
L	EXTN	8	0	0	0	0	7	0	0	0	15
1	INDS	7	0	1	0	0	0	0	0	0	8
2	FLTL	408	0	0	0	0	0	0	35	17	460
3	FLTL	450	0	0	0	0	0	0	38	19	507
4	ADMN	0	0	0	0	0	0	0	0	0	0
5	ADMN	0	0	0	0	0	0	0	0	0	0
6	ADMN	111	0	0	0	0	0	9	0	0	120
7	ADMN	82	0	0	0	0	0	41	0	0	123
8	SHOP	1	0	0	146	0	0	0	0	0	147
9	SERV	90	0	0	0	115	0	0	0	1	206
10	SHOP	84	0	0	149	0	0	0	0	2	235
11	HOME	61	264	0	0	0	0	0	0	13	338
12	HOME	6	16	0	0	0	0	0	0	0	22
13	ADMN	76	0	0	0	0	0	11	0	8	95
14	SHOP	165	0	0	0	0	0	0	0	0	165
15	ADMN	317	0	0	0	0	0	62	0	62	441
16	HOME	26	121	0	0	0	0	0	0	194	341
17	SERV	1	0	0	0	2	0	0	0	0	3
18	SERV	80	0	0	0	40	0	0	0	0	120
19	HOME	8	23	0	0	0	0	0	0	0	31
20	FLTL	910	0	0	0	0	0	0	49	27	986
21	FLTL	368	0	0	0	0	0	0	71	92	531
22	FLTL	170	0	0	0	0	0	0	55	36	261
23	SERV	308	0	0	0	76	0	0	0	6	390
24	INDS	758	0	51	0	0	0	0	0	146	955
25	HOME	14	55	0	0	0	0	0	0	46	115
TOTAL		4763	479	52	295	233	238	123	248	669	7100

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

COLD START FRACTION

ZONE	FCS
A	.97
B	.97
C	.97
D	.97
E	.97
F	.97
G	.97
H	.97
I	.97
J	.97
K	.97
L	.97
1	.99
2	.80
3	.80
4	0.00
5	0.00
6	.73
7	.52
8	.45
9	.59
10	.46
11	.66
12	.91
13	.78
14	.50
15	.77
16	.88
17	.99
18	.61
19	.92
20	.83
21	.79
22	.73
23	.62
24	.81
25	.89

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

D.1. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (PERSONS)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG
A	263.	41.	170.	15.	23.	3.	0.	0.	
B	307.	48.	198.	17.	27.	4.	0.	0.	
C	440.	68.	283.	26.	38.	5.	0.	0.	
D	110.	17.	70.	6.	10.	1.	0.	0.	
E	258.	40.	166.	15.	30.	4.	0.	0.	
F	43.	7.	28.	2.	5.	1.	0.	0.	
G	171.	27.	112.	10.	21.	3.	0.	0.	
H	108.	17.	70.	6.	13.	2.	0.	0.	
I	129.	21.	84.	7.	15.	2.	0.	0.	
J	215.	34.	139.	12.	25.	4.	0.	0.	
K	87.	13.	56.	5.	10.	1.	0.	0.	
L	65.	10.	42.	4.	8.	1.	0.	0.	
1	0.	4.	0.	0.	0.	1.	1.	2.	
2	5.	277.	0.	23.	2.	32.	69.	126.	
3	5.	275.	1.	53.	2.	37.	76.	141.	
4	0.	0.	0.	0.	0.	0.	0.	0.	
5	0.	0.	0.	0.	0.	0.	0.	0.	
6	1.	77.	0.	5.	0.	8.	12.	30.	
7	1.	59.	0.	3.	0.	5.	31.	56.	
8	6.	25.	0.	0.	1.	1.	31.	120.	
9	11.	91.	0.	2.	1.	2.	66.	112.	
10	40.	89.	2.	4.	2.	2.	145.	141.	
11	93.	94.	2.	3.	2.	1.	273.	240.	
12	16.	6.	5.	2.	0.	0.	70.	14.	
13	1.	48.	0.	8.	0.	6.	20.	33.	
14	18.	106.	2.	16.	6.	12.	83.	31.	
15	3.	194.	1.	40.	1.	24.	119.	163.	
16	95.	38.	8.	4.	9.	1.	550.	296.	
17	0.	1.	0.	0.	0.	0.	1.	2.	
18	5.	52.	1.	18.	1.	3.	40.	48.	
19	7.	2.	24.	9.	0.	0.	102.	20.	
20	9.	517.	2.	155.	3.	67.	119.	246.	
21	3.	148.	2.	131.	1.	19.	173.	232.	
22	1.	67.	1.	68.	0.	3.	91.	123.	
23	0.	3.	25.	262.	0.	0.	136.	126.	
24	0.	16.	12.	599.	0.	0.	241.	339.	
25	22.	7.	37.	14.	0.	0.	235.	94.	

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

D.2. ORIGIN - DESTINATION ARRAY (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	D	E	F	G	H	I	J	K	L
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	2	0	0	1	1	4	2	4	7	0	0	1	6	8	0	1	1	6	4	2	4	8	2	1	1	1	0	1	0	1	0	0	1	0	0
3	0	2	3	0	0	1	1	4	3	5	8	0	0	1	6	10	0	1	1	6	5	2	4	8	3	1	1	1	0	1	0	1	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	1	0	0	0	0	2	3	3	3	0	0	0	0	2	0	1	0	3	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	2	0	0	0	1	2	2	3	4	0	0	0	2	2	0	1	0	2	3	2	1	1	1	1	1	2	0	1	0	1	0	1	1	0	0
9	0	0	0	0	0	0	2	4	6	4	15	1	0	0	3	7	0	2	1	1	1	0	4	6	3	1	2	2	1	1	0	1	1	1	1	0	0
10	0	6	7	0	0	1	6	12	8	13	17	1	2	0	9	9	0	3	1	10	13	10	5	5	3	5	6	9	2	5	1	4	2	3	4	2	1
11	0	12	13	0	0	2	2	24	16	26	38	2	2	4	8	22	0	7	3	25	15	9	16	19	9	11	13	19	5	11	2	8	5	6	10	4	3
12	0	5	6	0	0	1	1	1	2	3	3	0	1	2	4	1	0	1	0	12	5	2	5	10	0	3	3	4	1	3	0	2	1	1	2	1	1
13	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	3	0	0	0	1	2	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	4	5	0	0	1	3	6	4	7	9	1	1	0	6	4	0	2	1	7	8	5	4	4	2	3	4	5	1	3	1	2	1	2	3	1	1
15	0	6	6	0	0	0	0	3	5	4	6	0	1	1	7	20	0	2	0	10	14	7	5	17	5	1	1	1	0	1	0	0	0	0	1	0	0
16	0	31	35	0	0	7	5	11	12	17	25	1	7	10	38	66	0	7	2	67	53	23	25	89	18	13	15	22	6	13	2	9	6	7	11	4	3
17	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	2	3	3	9	1	0	0	2	4	0	1	1	1	0	0	2	4	2	1	1	1	0	1	0	1	0	0	1	0	0
19	0	8	9	0	0	2	2	2	3	4	4	0	1	3	6	3	0	2	0	18	8	3	7	15	1	4	4	6	2	4	1	2	1	2	3	1	1
20	0	6	6	0	0	1	3	5	4	7	12	1	1	2	10	13	0	2	1	11	8	3	6	15	4	2	2	3	1	2	0	1	1	1	1	1	0
21	0	4	5	0	0	2	2	8	5	9	16	1	2	1	14	34	0	2	1	8	15	6	5	24	9	1	1	1	0	1	0	0	0	0	1	0	0
22	0	2	2	0	0	0	2	6	4	7	12	1	0	0	7	15	0	1	1	3	6	2	4	10	4	0	0	1	0	0	0	0	0	0	0	0	0
23	0	3	3	0	0	1	3	8	11	8	26	2	1	1	7	15	0	4	2	4	3	2	9	14	6	3	4	5	1	3	1	2	1	1	2	1	1
24	0	10	11	0	0	1	3	5	7	7	8	0	3	2	20	44	0	3	0	17	28	14	8	39	11	1	2	2	1	1	0	1	1	1	1	0	0
25	0	16	17	0	0	4	3	5	6	8	11	0	4	6	15	18	0	4	1	34	20	9	13	36	6	7	8	12	3	7	1	5	3	3	6	2	2
A	1	39	43	0	0	11	8	3	11	11	12	1	7	16	30	5	0	9	1	87	35	16	32	74	3	0	0	0	0	0	0	0	0	0	0	0	0
B	1	46	50	0	0	12	9	4	13	13	14	1	9	19	36	6	0	10	1	102	41	19	37	86	3	0	0	0	0	0	0	0	0	0	0	0	0
C	1	65	72	0	0	18	13	5	19	19	19	2	12	26	51	9	0	14	2	146	59	27	53	123	4	0	0	0	0	0	0	0	0	0	0	0	0
D	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	36	15	7	13	31	1	0	0	0	0	0	0	0	0	0	0	0	0
E	1	39	44	0	0	11	8	3	11	11	11	1	7	16	31	5	0	9	1	88	36	16	31	73	3	0	0	0	0	0	0	0	0	0	0	0	0
F	0	7	7	0	0	2	1	1	2	2	2	0	1	3	5	1	0	1	0	15	6	3	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	26	29	0	0	7	5	2	7	7	8	1	5	11	20	3	0	6	1	59	24	11	21	49	2	0	0	0	0	0	0	0	0	0	0	0	0
H	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	37	15	7	13	30	1	0	0	0	0	0	0	0	0	0	0	0	0
I	0	20	22	0	0	5	4	2	6	6	6	0	4	8	15	3	0	4	1	44	18	8	16	36	1	0	0	0	0	0	0	0	0	0	0	0	0
J	1	33	36	0	0	9	7	3	9	9	10	1	6	13	26	4	0	7	1	74	30	14	26	60	2	0	0	0	0	0	0	0	0	0	0	0	0
K	0	13	15	0	0	4	3	1	4	4	4	0	2	5	10	2	0	3	0	30	12	5	10	24	1	0	0	0	0	0	0	0	0	0	0	0	0
L	0	10	11	0	0	3	2	1	3	3	3	0	2	4	8	1	0	2	0	22	9	4	8	18	1	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 76/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

D.3. ORIGIN-DESTINATION ARRAY FOR CIVILIAN VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	D	E	F	G	H	I	J	K	L
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	2	0	0	1	1	4	2	4	7	0	0	1	4	3	0	1	1	5	2	1	4	4	1	1	1	1	0	1	0	1	0	0	1	0	0
3	0	2	2	0	0	1	1	4	3	5	8	0	0	1	4	4	0	1	1	5	2	1	4	4	2	1	1	1	0	1	0	1	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	1	0	0	0	0	2	3	3	3	0	0	0	0	2	0	1	0	3	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	2	0	0	0	1	2	2	3	4	0	0	0	2	2	0	1	0	2	3	2	1	1	1	1	1	2	0	1	0	1	0	1	1	0	0
9	0	0	0	0	0	0	2	4	6	4	15	1	0	0	3	7	0	2	1	1	1	0	4	6	3	1	2	2	1	1	0	1	1	1	1	0	0
10	0	6	7	0	0	1	6	12	8	13	17	1	2	0	9	8	0	3	1	10	13	10	5	5	3	5	6	9	2	5	1	4	2	3	4	2	1
11	0	12	13	0	0	2	2	24	16	26	38	2	2	4	7	18	0	7	3	24	13	8	16	16	8	11	13	19	5	11	2	8	5	6	10	4	3
12	0	5	6	0	0	1	1	1	2	3	3	0	1	2	4	1	0	1	0	12	5	2	5	10	0	3	3	4	1	3	0	2	1	1	2	1	1
13	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	4	5	0	0	1	3	6	4	7	9	1	1	0	6	4	0	2	1	7	8	5	4	4	2	3	4	5	1	3	1	2	1	2	3	1	1
15	0	4	4	0	0	0	0	3	5	4	5	0	0	1	1	2	0	2	0	7	5	4	4	3	1	1	1	1	0	1	0	0	0	0	1	0	0
16	0	26	29	0	0	7	5	11	12	16	21	1	5	10	20	10	0	7	2	59	26	13	23	47	5	13	15	22	6	13	2	9	6	7	11	4	3
17	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	2	3	3	9	1	0	0	2	4	0	1	1	1	0	0	2	4	2	1	1	1	0	1	0	1	0	0	1	0	0
19	0	8	9	0	0	2	2	2	3	4	4	0	1	3	6	3	0	2	0	18	8	3	7	15	1	4	4	6	2	4	1	2	1	2	3	1	1
20	0	5	5	0	0	1	3	5	4	7	11	1	1	2	7	5	0	2	1	10	4	2	6	9	2	2	2	3	1	2	0	1	1	1	1	1	0
21	0	2	2	0	0	2	2	8	5	9	14	1	1	1	5	7	0	2	1	4	2	1	4	4	3	1	1	1	0	1	0	0	0	0	1	0	0
22	0	1	1	0	0	0	2	6	4	7	11	1	0	0	4	5	0	1	1	2	1	0	4	2	2	0	0	1	0	0	0	0	0	0	0	0	0
23	0	3	3	0	0	1	3	8	11	8	28	2	1	1	6	13	0	4	2	4	2	2	9	13	6	3	4	5	1	3	1	2	1	1	2	1	1
24	0	6	7	0	0	1	3	5	7	7	5	0	1	2	6	2	0	3	0	11	8	6	7	7	1	1	2	2	1	1	0	1	1	1	1	0	0
25	0	15	16	0	0	4	3	5	6	8	10	0	3	6	11	5	0	4	1	32	14	7	13	26	3	7	8	12	3	7	1	5	3	3	6	2	2
A	1	39	43	0	0	11	8	3	11	11	12	1	7	16	30	5	0	9	1	87	35	16	32	74	3	0	0	0	0	0	0	0	0	0	0	0	0
B	1	46	50	0	0	12	9	4	13	13	14	1	9	19	36	6	0	10	1	102	41	19	37	86	3	0	0	0	0	0	0	0	0	0	0	0	0
C	1	65	72	0	0	18	13	5	19	19	19	2	12	26	51	9	0	14	2	146	59	27	53	123	4	0	0	0	0	0	0	0	0	0	0	0	0
D	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	36	15	7	13	31	1	0	0	0	0	0	0	0	0	0	0	0	0
E	1	39	44	0	0	11	8	3	11	11	11	1	7	16	31	5	0	9	1	88	36	16	31	73	3	0	0	0	0	0	0	0	0	0	0	0	0
F	0	7	7	0	0	2	1	1	2	2	2	0	1	3	5	1	0	1	0	15	6	3	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	26	29	0	0	7	5	2	7	7	8	1	5	11	20	3	0	6	1	59	24	11	21	49	2	0	0	0	0	0	0	0	0	0	0	0	0
H	0	16	18	0	0	4	3	1	5	5	5	0	3	7	13	2	0	4	1	37	15	7	13	30	1	0	0	0	0	0	0	0	0	0	0	0	0
I	0	20	22	0	0	5	4	2	6	6	6	0	4	8	15	3	0	4	1	44	18	8	16	36	1	0	0	0	0	0	0	0	0	0	0	0	0
J	1	33	36	0	0	9	7	3	9	9	10	1	6	13	26	4	0	7	1	74	30	14	26	60	2	0	0	0	0	0	0	0	0	0	0	0	0
K	0	13	15	0	0	4	3	1	4	4	4	0	2	5	10	2	0	3	0	30	12	5	10	24	1	0	0	0	0	0	0	0	0	0	0	0	0
L	0	10	11	0	0	3	2	1	3	3	3	0	2	4	8	1	0	2	0	22	9	4	8	18	1	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

D.4. ORIGIN-DESTINATION ARRAY FOR MILITARY VEHICLE TRIPS (PERSONS)

ORG/DEST. ZONES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	D	E	F	G	H	I	J	K	L
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	1	2	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	1	3	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	2	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	2	2	0	0	0	0	0	0	0	1	0	1	0	6	18	0	0	0	3	9	3	1	14	4	0	0	0	0	0	0	0	0	0	0	0	0
16	0	5	6	0	0	0	0	0	0	1	4	0	2	0	18	56	0	0	0	8	27	10	2	42	13	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	0	0	0	0	0	0	0	1	0	0	0	3	8	0	0	0	1	4	1	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0
21	0	2	3	0	0	0	0	0	0	0	2	0	1	0	9	27	0	0	0	4	13	5	1	20	6	0	0	0	0	0	0	0	0	0	0	0	0
22	0	1	1	0	0	0	0	0	0	0	1	0	0	0	3	10	0	0	0	1	5	2	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	4	4	0	0	0	0	0	0	0	3	0	2	0	14	42	0	0	0	6	20	8	1	32	10	0	0	0	0	0	0	0	0	0	0	0	0
25	0	1	1	0	0	0	0	0	0	0	1	0	1	0	4	13	0	0	0	2	6	2	0	10	3	0	0	0	0	0	0	0	0	0	0	0	0
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

E.1. MODAL SPLIT - VEHICLE LOAD FACTORS

ZONE	PERSONS PER VEHICLE	PERSONS PER MIL. VEHICLE	CIVILIAN VEH TRIPS ORG-GATE	CIVILIAN VEH TRIPS GATE-DEST	MILITARY VEH TRIPS ORG-GATE	MILITARY VEH TRIPS GATE-DEST	PERCENT MOTOR VEHICLES	PERCENT MILITARY VEHICLES	PERSON TRIPS FROM ORIGIN	PERSON TRIPS TO DEST.
A	1.18600	1.13600	368.62	33.88	0.00	0.00	100.000	99.000	456.000	59.000
B	1.18600	1.13600	432.70	42.32	0.00	0.00	100.000	99.000	532.000	69.000
C	1.18600	1.13600	624.95	67.61	0.00	0.00	100.000	99.000	760.000	99.000
D	1.18600	1.13600	144.34	5.22	0.00	0.00	100.000	99.000	190.000	25.000
E	1.18600	1.13600	368.62	33.88	0.00	0.00	100.000	99.000	456.000	59.000
F	1.18600	1.13600	48.22	1.00	0.00	0.00	100.000	99.000	76.000	10.000
G	1.18600	1.13600	240.46	17.86	0.00	0.00	100.000	99.000	304.000	40.000
H	1.18600	1.13600	144.34	5.22	0.00	0.00	100.000	99.000	190.000	25.000
I	1.18600	1.13600	176.38	9.43	0.00	0.00	100.000	99.000	228.000	30.000
J	1.18600	1.13600	320.40	42.16	0.00	0.00	100.000	99.000	380.000	50.000
K	1.18600	1.13600	129.01	16.02	0.00	0.00	100.000	99.000	153.000	19.000
L	1.18600	1.13600	96.96	12.65	0.00	0.00	100.000	99.000	115.000	15.000
1	1.14800	1.13600	1.06	6.70	0.00	0.00	78.000	99.000	1.221	7.689
2	1.17200	1.12800	36.62	326.26	16.47	54.11	91.000	100.000	75.401	459.585
3	1.17200	1.08200	41.36	360.33	19.19	63.11	91.000	100.000	83.063	506.719
4	1.17200	1.13600	0.00	0.00	0.00	0.00	91.000	99.000	0.000	0.000
5	1.17200	1.13600	0.00	0.00	0.00	0.00	91.000	99.000	0.000	0.000
6	1.17200	1.13600	11.75	102.57	0.00	0.00	91.000	99.000	13.766	120.211
7	1.17200	1.13600	27.39	104.64	0.00	0.00	91.000	99.000	32.104	122.642
8	1.19200	1.00000	33.40	122.94	0.00	0.00	100.000	31.000	39.815	146.548
9	1.19600	1.10000	48.44	155.43	1.07	1.68	100.000	100.000	77.608	206.367
10	1.19000	1.19800	156.57	195.12	2.18	2.79	100.000	100.000	188.929	235.532
11	1.19400	1.17600	294.66	267.37	14.96	15.55	100.000	100.000	369.419	337.525
12	1.18800	1.10000	76.94	18.34	0.00	0.00	100.000	81.000	91.403	21.782
13	1.15400	1.11000	1.69	50.08	7.68	20.70	90.000	100.000	21.324	94.766
14	1.15200	1.19800	77.73	125.87	0.00	0.00	90.000	99.000	109.155	165.097
15	1.18000	1.16800	43.25	236.70	55.35	127.81	90.000	100.000	124.077	440.629
16	1.17600	1.11200	354.24	96.29	209.92	199.70	90.000	100.000	661.782	341.107
17	1.17400	1.13600	1.00	1.00	0.00	0.00	90.000	99.000	1.000	3.182
18	1.16000	1.13600	24.45	87.55	0.00	0.00	90.000	99.000	47.201	120.399
19	1.18800	1.13600	95.96	9.99	0.00	0.00	100.000	99.000	132.818	30.679
20	1.17600	1.10200	75.52	731.94	27.45	98.16	93.000	100.000	133.347	985.565
21	1.17000	1.14200	64.61	264.60	83.34	184.41	93.000	100.000	178.960	531.077
22	1.17800	1.10600	38.79	145.80	33.50	69.11	96.000	100.000	93.649	261.160
23	1.18200	1.18200	115.37	299.40	6.03	15.73	96.000	100.000	161.424	390.340
24	1.18800	1.15200	83.92	457.68	133.00	357.04	100.000	100.000	252.919	955.033
25	1.17000	1.09600	189.08	42.62	52.44	51.51	91.000	100.000	293.616	115.367

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

E.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG
A	213.	23.	137.	9.	18.	2.	0.	0.	
B	250.	30.	161.	11.	22.	2.	0.	0.	
C	361.	47.	233.	17.	31.	3.	0.	0.	
D	84.	4.	54.	1.	7.	0.	0.	0.	
E	208.	23.	136.	9.	24.	2.	0.	0.	
F	27.	1.	18.	0.	3.	0.	0.	0.	
G	136.	12.	89.	4.	16.	1.	0.	0.	
H	82.	4.	53.	1.	10.	0.	0.	0.	
I	100.	8.	65.	2.	12.	1.	0.	0.	
J	181.	29.	118.	10.	21.	3.	0.	0.	
K	73.	11.	47.	4.	9.	1.	0.	0.	
L	55.	9.	36.	3.	7.	1.	0.	0.	
1	0.	3.	0.	0.	0.	1.	1.	1.	
2	3.	211.	0.	18.	1.	24.	46.	98.	
3	3.	212.	1.	41.	1.	29.	52.	109.	
4	0.	0.	0.	0.	0.	0.	0.	0.	
5	0.	0.	0.	0.	0.	0.	0.	0.	
6	1.	60.	0.	4.	0.	6.	9.	23.	
7	1.	46.	0.	2.	0.	4.	24.	43.	
8	7.	21.	0.	0.	1.	1.	26.	101.	
9	7.	69.	0.	1.	0.	1.	42.	85.	
10	34.	75.	1.	3.	2.	1.	122.	118.	
11	78.	79.	2.	2.	1.	0.	229.	201.	
12	14.	5.	4.	2.	0.	0.	59.	12.	
13	0.	33.	0.	6.	0.	4.	9.	23.	
14	12.	73.	1.	11.	4.	8.	53.	21.	
15	3.	150.	0.	31.	1.	19.	90.	142.	
16	76.	32.	6.	3.	7.	1.	439.	250.	
17	0.	0.	0.	0.	0.	0.	1.	1.	
18	2.	34.	1.	12.	0.	2.	19.	31.	
19	5.	1.	17.	3.	0.	0.	74.	7.	
20	6.	409.	2.	123.	2.	53.	87.	184.	
21	2.	120.	2.	107.	1.	16.	139.	188.	
22	1.	54.	1.	54.	0.	3.	69.	98.	
23	0.	2.	18.	203.	0.	0.	98.	98.	
24	0.	14.	10.	511.	0.	0.	207.	289.	
25	17.	6.	28.	11.	0.	0.	180.	74.	

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

F.1. CALIBRATION FACTORS (FACTOR*GATE COUNT = ATTRACTIONS OR PRODUCTIONS)

EXTERIOR PRODUCTIONS	EXTERIOR ATTRACTIONS	INTERIOR PRODUCTIONS	INTERIOR ATTRACTIONS
1.612	1.007	.980	1.556

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

F.2. ORIGIN TO GATE (OG) AND GATE TO DESTINATION (GD) TRIPS
AFTER APPLICATION OF CALIBRATION FACTORS AND PARKING REROUTING (MOTOR VEHICLES)

ZONE	OG1	GD1	OG2	GD2	OG3	GD3	OG4	GD4	OG
A	107.	13.	84.	8.	37.	12.	0.	0.	
B	126.	16.	99.	10.	44.	16.	0.	0.	
C	162.	25.	143.	17.	62.	25.	0.	0.	
D	42.	2.	33.	1.	15.	2.	0.	0.	
E	101.	11.	81.	8.	46.	15.	0.	0.	
F	13.	0.	11.	0.	6.	0.	0.	0.	
G	66.	6.	52.	4.	31.	8.	0.	0.	
H	40.	2.	31.	1.	19.	2.	0.	0.	
I	48.	3.	38.	2.	23.	4.	0.	0.	
J	88.	14.	69.	9.	41.	19.	0.	0.	
K	35.	5.	28.	3.	17.	7.	0.	0.	
L	27.	4.	21.	3.	13.	6.	0.	0.	
1	0.	1.	0.	0.	0.	1.	1.	1.	
2	1.	104.	0.	10.	4.	49.	46.	98.	
3	0.	102.	0.	22.	4.	57.	52.	109.	
4	0.	0.	0.	0.	0.	0.	0.	0.	
5	0.	0.	0.	0.	0.	0.	0.	0.	
6	0.	30.	0.	2.	1.	13.	9.	23.	
7	0.	24.	0.	1.	1.	8.	24.	43.	
8	3.	13.	0.	0.	5.	2.	26.	101.	
9	3.	42.	0.	1.	4.	3.	42.	85.	
10	17.	45.	1.	2.	20.	3.	122.	118.	
11	57.	50.	2.	1.	23.	1.	229.	201.	
12	11.	3.	6.	1.	1.	0.	59.	12.	
13	0.	16.	0.	3.	1.	6.	9.	23.	
14	2.	37.	0.	6.	15.	17.	53.	21.	
15	0.	73.	0.	17.	3.	38.	90.	141.	
16	28.	19.	4.	2.	59.	3.	439.	250.	
17	0.	0.	0.	0.	0.	0.	1.	1.	
18	1.	19.	0.	7.	2.	4.	19.	31.	
19	3.	0.	16.	2.	4.	0.	74.	7.	
20	1.	201.	0.	66.	9.	109.	87.	194.	
21	0.	62.	1.	60.	4.	34.	139.	188.	
22	0.	31.	1.	34.	1.	6.	69.	98.	
23	0.	1.	19.	131.	0.	0.	98.	98.	
24	0.	8.	10.	329.	0.	1.	207.	269.	
25	11.	3.	34.	7.	0.	0.	180.	74.	

GATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

6.1. ASSIGNMENT COUNTS AND ASSOCIATED COMPUTER RUN TIMES

ZONE	ASSGN. VEH. ORG. TO GATES	ASSGN.VEH. GATES TO DEST.	ASSGN. VEH. INTERNAL O-D	ASSIGNMENT TIME	TOTAL TIME	NO. PATHS FOLLOWED
2	4.314	162.755	43.793	3.534	22.130	57
3	4.931	181.365	49.646	.422	22.552	60
6	1.369	45.015	6.064	.562	23.114	59
7	.674	33.255	21.627	.321	23.435	69
8	7.546	14.314	21.220	.371	23.806	72
9	7.556	46.171	36.536	.354	24.160	77
10	37.665	51.048	112.799	.334	24.494	83
11	82.461	52.537	196.546	.411	24.905	89
12	18.364	4.210	57.334	.466	25.371	88
13	.983	27.560	7.593	.341	25.712	79
14	17.104	59.133	51.450	.401	26.113	94
15	3.936	127.639	92.427	.424	26.537	96
16	91.131	23.492	405.953	.387	26.924	102
18	3.425	30.461	15.327	.618	27.542	99
19	22.722	2.235	71.705	.553	28.095	111
20	10.724	375.616	61.432	.459	28.554	114
21	4.674	155.803	137.517	.424	28.978	115
22	2.041	71.066	69.042	.418	29.396	118
23	18.768	131.936	92.570	.567	29.963	122
24	10.432	337.741	191.575	.614	30.577	126
25	45.733	10.748	182.438	.511	31.088	129

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
1	65.	0.	0.	65.	0.	45.	13.	0.	1.	1.	3.	0.	0.	0.	0.	2.	0.	0.	0.
2	415.	415.	0.	0.	0.	249.	76.	0.	1.	1.	19.	5.	37.	2.	21.	4.	0.	0.	0.
3	162.	162.	0.	0.	0.	93.	27.	0.	0.	0.	5.	3.	18.	8.	7.	1.	0.	117.	45.
4	415.	0.	415.	0.	0.	249.	76.	0.	1.	1.	19.	5.	37.	2.	21.	4.	0.	0.	0.
5	161.	161.	0.	0.	0.	112.	33.	0.	2.	2.	8.	0.	0.	0.	0.	5.	0.	0.	0.
6	889.	16.	873.	0.	0.	538.	158.	0.	1.	1.	38.	11.	84.	8.	44.	6.	0.	0.	0.
7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	6.	6.	0.	0.	0.	3.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	5.	1.
9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	6.	2.	0.	4.	0.	3.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	5.	1.
11	26.	0.	26.	0.	0.	20.	4.	0.	0.	0.	1.	0.	1.	0.	0.	0.	0.	16.	9.
12	61.	0.	59.	0.	2.	41.	12.	0.	1.	1.	3.	0.	0.	0.	0.	2.	0.	0.	0.
13	23.	23.	0.	0.	0.	14.	4.	0.	0.	0.	1.	0.	1.	1.	1.	0.	0.	20.	2.
14	195.	30.	120.	0.	45.	86.	25.	0.	0.	0.	5.	2.	19.	5.	6.	1.	0.	117.	19.
15	256.	0.	154.	60.	43.	133.	38.	0.	0.	0.	10.	1.	18.	4.	10.	1.	0.	1.	1.
16	26.	26.	0.	0.	0.	14.	4.	0.	0.	0.	1.	1.	4.	1.	2.	0.	0.	20.	5.
17	288.	256.	0.	0.	32.	164.	47.	0.	0.	0.	12.	1.	18.	4.	10.	1.	0.	1.	1.
18	27.	17.	0.	8.	1.	14.	4.	0.	0.	0.	1.	1.	4.	1.	2.	0.	0.	20.	6.
19	259.	158.	8.	0.	93.	110.	31.	0.	0.	0.	8.	1.	10.	3.	3.	0.	0.	6.	1.
20	23.	0.	20.	0.	3.	11.	3.	0.	0.	0.	1.	1.	4.	0.	1.	0.	0.	15.	5.
21	291.	0.	37.	255.	0.	207.	54.	0.	1.	1.	11.	1.	11.	3.	3.	1.	0.	52.	25.
22	90.	0.	5.	85.	0.	60.	17.	0.	1.	1.	4.	1.	4.	0.	1.	2.	0.	20.	11.
23	823.	0.	214.	609.	0.	492.	148.	0.	1.	1.	36.	10.	78.	8.	43.	6.	0.	0.	0.
24	190.	170.	20.	0.	0.	108.	31.	0.	1.	1.	6.	3.	19.	10.	8.	3.	0.	93.	39.
25	873.	823.	0.	51.	0.	530.	156.	0.	1.	1.	37.	10.	81.	8.	43.	6.	0.	0.	0.
26	236.	236.	0.	0.	0.	142.	38.	0.	1.	1.	8.	3.	22.	10.	8.	3.	0.	125.	54.
27	873.	873.	0.	0.	0.	530.	156.	0.	1.	1.	37.	10.	81.	8.	43.	6.	0.	0.	0.
28	236.	236.	0.	0.	0.	142.	38.	0.	1.	1.	8.	3.	22.	10.	8.	3.	0.	125.	54.
29	88.	0.	0.	0.	88.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	14.	0.	1.	11.	2.	9.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.
31	21.	0.	10.	11.	0.	15.	4.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	11.	10.
32	30.	0.	0.	0.	30.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
36	30.	30.	0.	0.	0.	15.	4.	0.	0.	0.	1.	1.	5.	0.	2.	0.	0.	13.	7.
37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39	342.	0.	96.	202.	45.	185.	52.	0.	0.	0.	14.	1.	22.	3.	19.	1.	0.	130.	34.
40	52.	40.	11.	1.	0.	23.	6.	0.	0.	0.	1.	2.	11.	5.	3.	1.	0.	41.	11.
41	421.	321.	2.	9.	88.	209.	58.	0.	1.	1.	17.	1.	21.	1.	22.	2.	0.	133.	36.
42	78.	45.	4.	26.	4.	44.	11.	0.	0.	0.	3.	1.	8.	4.	2.	1.	0.	48.	27.
43	497.	292.	29.	117.	58.	261.	79.	0.	0.	0.	18.	2.	47.	4.	23.	3.	0.	136.	29.
44	94.	9.	1.	53.	30.	37.	10.	0.	0.	0.	2.	1.	8.	4.	3.	1.	0.	47.	17.
45	421.	198.	38.	186.	0.	270.	84.	0.	0.	1.	19.	3.	25.	7.	11.	2.	0.	293.	79.
46	36.	36.	0.	0.	0.	23.	7.	0.	0.	0.	2.	0.	3.	1.	0.	0.	0.	28.	8.
47	492.	421.	31.	0.	40.	294.	89.	0.	0.	1.	20.	3.	26.	7.	11.	2.	0.	314.	89.
48	56.	56.	0.	0.	0.	38.	11.	0.	0.	0.	3.	0.	3.	1.	0.	0.	0.	41.	15.
49	345.	345.	0.	0.	0.	228.	65.	0.	0.	1.	14.	2.	19.	6.	8.	2.	0.	245.	49.

BATS MODEL OUTPUT 76/ 6/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

0.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS (CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
50	56.	51.	3.	2.	0.	38.	11.	0.	0.	0.	3.	0.	3.	1.	0.	0.	0.	41.	15.
51	234.	224.	5.	0.	4.	161.	45.	0.	0.	0.	10.	1.	5.	1.	4.	2.	0.	142.	36.
52	88.	0.	87.	0.	1.	60.	18.	0.	0.	0.	4.	0.	3.	1.	0.	0.	0.	71.	16.
53	42.	0.	6.	36.	0.	19.	6.	0.	0.	0.	2.	1.	8.	0.	5.	1.	0.	27.	8.
54	85.	0.	85.	0.	0.	50.	16.	0.	0.	0.	4.	1.	7.	0.	8.	0.	0.	15.	4.
55	4.	0.	0.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
56	47.	38.	9.	0.	0.	25.	7.	0.	0.	0.	2.	1.	7.	1.	2.	1.	0.	28.	8.
57	139.	0.	21.	4.	113.	11.	3.	0.	0.	0.	1.	1.	5.	1.	2.	0.	0.	20.	6.
58	44.	0.	17.	20.	8.	19.	6.	0.	0.	0.	1.	1.	6.	1.	2.	1.	0.	26.	11.
59	37.	0.	28.	0.	9.	12.	3.	0.	0.	0.	1.	0.	5.	0.	6.	0.	0.	23.	6.
60	31.	25.	0.	5.	0.	10.	3.	0.	0.	0.	1.	2.	10.	0.	4.	1.	0.	24.	6.
61	353.	32.	11.	0.	310.	19.	5.	0.	0.	0.	1.	0.	8.	0.	7.	1.	0.	34.	8.
62	81.	23.	7.	27.	24.	24.	7.	0.	0.	0.	1.	2.	13.	3.	5.	1.	0.	47.	10.
63	434.	201.	5.	161.	67.	219.	73.	0.	0.	0.	18.	7.	28.	1.	19.	4.	0.	83.	21.
64	79.	0.	31.	34.	14.	30.	7.	0.	0.	0.	1.	2.	17.	1.	5.	1.	0.	50.	15.
65	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
66	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
67	126.	0.	0.	126.	0.	87.	23.	0.	0.	0.	5.	1.	5.	1.	4.	1.	0.	44.	27.
68	103.	0.	0.	103.	0.	72.	21.	0.	0.	0.	5.	0.	3.	1.	0.	0.	0.	86.	17.
69	85.	0.	0.	54.	31.	34.	9.	0.	0.	0.	3.	0.	4.	1.	3.	0.	0.	0.	0.
70	191.	0.	107.	84.	0.	109.	33.	0.	0.	1.	8.	4.	22.	3.	8.	2.	0.	155.	27.
71	9.	0.	9.	0.	0.	6.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	4.
72	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
73	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
75	12.	0.	0.	0.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
76	4.	1.	0.	3.	0.	1.	0.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	3.	1.
77	321.	0.	82.	0.	238.	49.	15.	0.	0.	0.	4.	1.	6.	0.	7.	0.	0.	13.	3.
78	143.	0.	70.	49.	24.	40.	11.	0.	0.	0.	2.	6.	38.	7.	12.	2.	0.	91.	28.
79	388.	0.	388.	0.	0.	153.	53.	0.	0.	0.	14.	16.	91.	15.	40.	6.	0.	167.	37.
80	213.	197.	0.	17.	0.	72.	21.	0.	0.	1.	5.	12.	73.	6.	22.	3.	0.	171.	43.
81	388.	388.	0.	0.	0.	153.	53.	0.	0.	0.	14.	16.	91.	15.	40.	6.	0.	167.	37.
82	197.	183.	0.	14.	0.	61.	18.	0.	0.	1.	4.	12.	71.	6.	22.	3.	0.	158.	39.
83	202.	173.	29.	0.	0.	57.	17.	0.	0.	0.	4.	10.	68.	18.	26.	3.	0.	165.	37.
84	595.	0.	0.	0.	595.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
86	119.	16.	95.	0.	9.	45.	14.	0.	0.	0.	2.	2.	32.	4.	11.	1.	0.	72.	22.
87	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0	0.	0.
88	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
89	415.	355.	0.	59.	1.	248.	76.	0.	1.	1.	19.	5.	37.	2.	21.	4.	0.	0.	0.
90	163.	0.	0.	162.	1.	93.	27.	0.	0.	0.	5.	3.	18.	8.	7.	1.	0.	117.	45.
91	18.	0.	0.	18.	0.	9.	2.	0.	0.	0.	0.	1.	3.	0.	1.	0.	0.	14.	4.
92	160.	0.	6.	0.	154.	3.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	5.	1.
93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
94	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
95	365.	234.	130.	0.	2.	214.	66.	0.	0.	0.	17.	5.	37.	2.	21.	3.	0.	5.	6.
96	166.	133.	0.	0.	33.	72.	23.	0.	0.	0.	4.	3.	17.	7.	6.	1.	0.	98.	35.
97	69.	0.	0.	69.	0.	49.	14.	0.	1.	1.	3.	0.	0.	0.	0.	2.	0.	5.	6.
98	37.	0.	0.	24.	13.	18.	4.	0.	0.	0.	1.	0.	1.	0.	0.	0.	0.	15.	8.
99	873.	873.	0.	0.	0.	530.	156.	0.	1.	1.	37.	10.	81.	8.	43.	6.	0.	0.	0.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
100	236.	0.	62.	174.	0.	142.	38.	0.	1.	1.	8.	3.	22.	10.	8.	3.	0.	125.	54.
101	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
102	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
103	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
104	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
105	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
106	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
108	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
109	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
110	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
111	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
112	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
113	85.	65.	0.	19.	1.	46.	13.	0.	0.	0.	3.	1.	10.	2.	8.	1.	0.	20.	6.
114	110.	2.	7.	0.	101.	5.	1.	0.	0.	0.	0.	0.	1.	0.	1.	0.	0.	7.	2.
115	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
116	6.	0.	1.	0.	5.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
117	235.	229.	0.	0.	6.	127.	42.	0.	0.	0.	10.	4.	28.	1.	14.	2.	0.	3.	4.
118	152.	147.	3.	0.	3.	86.	26.	0.	0.	1.	4.	3.	16.	7.	5.	1.	0.	110.	39.
119	231.	229.	0.	2.	0.	128.	42.	0.	0.	0.	10.	4.	28.	1.	14.	2.	0.	4.	4.
120	143.	143.	0.	0.	0.	81.	24.	0.	0.	0.	4.	3.	16.	7.	5.	1.	0.	107.	36.
121	292.	237.	47.	5.	3.	167.	57.	0.	0.	0.	13.	4.	29.	1.	14.	3.	0.	34.	36.
122	189.	133.	28.	0.	28.	95.	28.	0.	0.	0.	4.	2.	16.	8.	5.	1.	0.	124.	37.
123	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
124	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
125	614.	569.	45.	0.	0.	348.	110.	0.	1.	1.	27.	10.	68.	5.	40.	5.	0.	2.	3.
126	184.	77.	105.	0.	1.	111.	29.	0.	1.	1.	4.	3.	16.	9.	7.	2.	0.	127.	55.
127	610.	332.	249.	5.	25.	324.	106.	0.	0.	0.	27.	9.	69.	5.	40.	5.	0.	10.	12.
128	289.	152.	0.	36.	101.	116.	30.	0.	1.	1.	4.	3.	16.	10.	7.	2.	0.	136.	51.
129	227.	75.	0.	143.	8.	92.	27.	0.	0.	1.	8.	9.	55.	2.	23.	2.	0.	148.	39.
130	74.	24.	0.	45.	5.	17.	4.	0.	0.	0.	1.	4.	24.	14.	6.	0.	0.	57.	13.
131	72.	0.	0.	2.	70.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
132	67.	0.	67.	0.	0.	50.	11.	0.	0.	0.	2.	0.	3.	0.	1.	0.	0.	44.	22.
133	574.	192.	382.	0.	0.	312.	106.	0.	0.	1.	28.	13.	69.	2.	38.	5.	0.	208.	51.
134	58.	58.	0.	0.	0.	39.	9.	0.	0.	0.	1.	1.	6.	1.	1.	0.	0.	46.	12.
135	121.	0.	118.	0.	3.	68.	20.	0.	0.	0.	4.	1.	14.	5.	5.	1.	0.	105.	13.
136	13.	0.	0.	11.	2.	8.	2.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	10.	1.
137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
138	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
139	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
140	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
141	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
142	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
143	288.	0.	0.	25.	263.	10.	3.	0.	0.	0.	1.	1.	7.	0.	3.	1.	0.	20.	5.
144	63.	13.	26.	0.	24.	20.	5.	0.	0.	0.	1.	1.	5.	2.	2.	1.	0.	31.	8.
145	20.	4.	0.	9.	7.	6.	2.	0.	0.	0.	0.	0.	3.	0.	1.	0.	0.	10.	4.
146	30.	2.	0.	20.	7.	10.	3.	0.	0.	0.	1.	0.	5.	2.	2.	0.	0.	18.	4.
147	21.	0.	5.	15.	0.	11.	3.	0.	0.	0.	1.	0.	2.	0.	3.	0.	0.	14.	7.
148	20.	8.	0.	0.	12.	4.	1.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	6.	2.
149	365.	230.	112.	0.	23.	184.	68.	0.	0.	0.	10.	5.	55.	0.	18.	3.	0.	47.	30.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

G.2. VEHICLE COUNT, TYPE, AND HOT/COLD STATUS

(CONTINUED)

LINK	SUM	THRU	RT	LEFT	TERM	LDV	LDT1	LDT2	HDT	HDD	MOT	LDVM	LDT1M	LDT2M	HDTM	HDDM	MOTM	COLDS	HOTS
150	217.	124.	21.	69.	3.	131.	36.	0.	0.	0.	7.	3.	20.	6.	9.	2.	0.	175.	39.
151	420.	204.	109.	30.	77.	171.	59.	0.	0.	0.	16.	13.	51.	2.	26.	7.	0.	145.	45.
152	231.	77.	0.	23.	132.	61.	16.	0.	0.	0.	3.	2.	10.	1.	5.	1.	0.	78.	22.
153	624.	574.	0.	0.	50.	312.	106.	0.	0.	1.	28.	13.	69.	2.	38.	5.	0.	208.	51.
154	132.	103.	22.	7.	0.	75.	19.	0.	0.	0.	3.	2.	20.	7.	5.	1.	0:	111.	21.
155	213.	0.	0.	213.	0.	72.	21.	0.	0.	1.	5.	12.	73.	6.	22.	3.	0.	171.	43.
156	388.	69.	74.	245.	0.	153.	53.	0.	0.	0.	14.	16.	91.	15.	40.	6.	0.	167.	37.
157	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
158	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
159	3.	0.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
160	11.	0.	8.	3.	0.	8.	2.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	11.	1.
161	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
162	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
163	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
164	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
165	135.	0.	126.	0.	9.	87.	23.	0.	0.	0.	5.	1.	5.	1.	4.	1.	0.	44.	27.
166	126.	0.	70.	4.	52.	52.	15.	0.	0.	0.	3.	0.	2.	1.	0.	0.	0.	60.	14.
167	706.	644.	62.	0.	0.	353.	108.	0.	0.	2.	27.	22.	133.	7.	46.	7.	0.	0.	0.
168	69.	69.	0.	0.	0.	48.	14.	0.	1.	1.	3.	0.	0.	0.	0.	2.	0.	0.	0.
169	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
170	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
171	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
172	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
173	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
174	17.	0.	0.	0.	17.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
175	769.	0.	215.	413.	141.	286.	90.	0.	0.	2.	23.	25.	140.	6.	48.	8.	0.	88.	18.
176	43.	12.	0.	23.	7.	6.	2.	0.	0.	0.	0.	2.	12.	5.	6.	1.	0.	28.	7.
177	400.	0.	0.	42.	358.	19.	6.	0.	0.	0.	2.	1.	8.	0.	5.	1.	0.	27.	8.
178	189.	76.	14.	6.	92.	36.	10.	0.	0.	0.	2.	3.	27.	9.	9.	1.	0.	77.	20.
179	65.	0.	0.	0.	65.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
180	197.	0.	197.	0.	0.	141.	41.	0.	2.	2.	10.	0.	0.	0.	0.	1.	0.	45.	1.
181	15.	0.	15.	0.	0.	11.	3.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
182	168.	0.	168.	0.	0.	120.	35.	0.	2.	2.	8.	0.	0.	0.	0.	1.	0.	0.	0.
183	694.	694.	0.	0.	0.	497.	145.	0.	7.	7.	35.	0.	0.	0.	0.	3.	0.	217.	7.
184	69.	0.	0.	15.	53.	11.	3.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.
185	1048.	880.	0.	168.	0.	751.	219.	0.	10.	10.	52.	0.	0.	0.	0.	5.	0.	276.	9.
186	176.	0.	0.	0.	176.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	29565.	14996.	5767.	4598.	4204.	14644.	4383.	0.	47.	63.	1031.	411.	2843.	419.	1287.	234.	0.	7936.	2215.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

H.2. INTERSECTION DELAYS AND QUEUEING

INTERSECTION 1

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	39.		15.		-0.		-0.	
V/GCAP	.44102		.00615		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	6.	2.	14.	0.	6.	2.	14.	0.
QUEUE(VEH)	1.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	1048.	161.	15.	0.	0.	0.	0.	0.
CAPACITY(VEH)	1656.	1798.	625.	1.	0.	0.	0.	0.
V/GCAP	.44102	.06233	.00615	0.00000	0.00000	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 2	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 3	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 4	3.	0.	5.	0.	3.	0.	5.	0.
INTERSECTION 5	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 6	0.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 7	0.	0.	2.	0.	5.	0.	2.	0.

INTERSECTION 8

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	29.		31.		0.		0.	
V/GCAP	.28881		.04921		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	17.	9.	7.	7.	17.	9.	7.	7.
QUEUE(VEH)	1.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	364.	150.	166.	26.	0.	0.	0.	0.
CAPACITY(VEH)	567.	788.	1630.	1160.	0.	0.	0.	0.
V/GCAP	.28881	.08553	.04921	.01078	0.00000	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 9	1.	0.	0.	0.	0.	0.	0.	0.

INTERSECTION 10

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	0.		64.		14.		32.	
V/GCAP	0.00000		.32034		.07250		.03192	
	NORTH-APPR		EAST-APPR		SOUTH-APPR		WEST-APPR	
DELAY(SEC)	0.	55.	16.	29.	55.	0.	29.	0.
QUEUE(VEH)	0.	1.	1.	0.	1.	0.	0.	0.
VOLUME(VEH)	0.	183.	823.	90.	183.	0.	90.	0.
CAPACITY(VEH)	1.	295.	1450.	779.	295.	0.	779.	0.
V/GCAP	0.00000	.07250	.32034	.03192	.07250	0.00000	.03192	0.00000

	N-APPR DELAY (SEC)	N-APPR QUEUE (VEH)	E-APPR DELAY (SEC)	E-APPR QUEUE (VEH)	S-APPR DELAY (SEC)	S-APPR QUEUE (VEH)	W-APPR DELAY (SEC)	W-APPR QUEUE (VEH)
INTERSECTION 11	0.	0.	1.	0.	1.	0.	1.	0.
INTERSECTION 12	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION 13	3.	0.	5.	0.	3.	0.	0.	0.
INTERSECTION 14	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 15	5.	0.	3.	0.	5.	0.	0.	0.
INTERSECTION 16	0.	0.	0.	0.	1.	0.	0.	0.

INTERSECTION 17

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	30.		30.		0.		0.	
V/GCAP	.22261		.20714		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	11.	13.	11.	8.	11.	13.	11.	8.
QUEUE(VEH)	0.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	288.	214.	439.	75.	0.	0.	0.	0.
CAPACITY(VEH)	690.	465.	1023.	1050.	0.	0.	0.	0.
V/GCAP	.20193	.22261	.20714	.03443	0.00000	0.00000	0.00000	0.00000

INTERSECTION 18

	PHASE 1		PHASE 2		PHASE 3		PHASE 4	
TIME(SEC)	30.		30.		0.		0.	
V/GCAP	.23804		.21370		0.00000		0.00000	
	NORTH-APPR	SOUTH-APPR	EAST-APPR	WEST-APPR	N-APP-LEFT	S-APP-LEFT	E-APP-LEFT	W-APP-LEFT
DELAY(SEC)	11.	8.	11.	8.	11.	8.	11.	8.
QUEUE(VEH)	1.	0.	0.	0.	0.	0.	0.	0.
VOLUME(VEH)	586.	132.	421.	64.	0.	0.	0.	0.
CAPACITY(VEH)	1169.	1225.	937.	1090.	0.	0.	0.	0.
V/GCAP	.23804	.05124	.21370	.02794	0.00000	0.00000	0.00000	0.00000

	N-APPR DELAY (SEC)	QUEUE (VEH)	E-APPR DELAY (SEC)	QUEUE (VEH)	S-APPR DELAY (SEC)	QUEUE (VEH)	W-APPR DELAY (SEC)	QUEUE (VEH)
INTERSECTION 19	1.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 20	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 21	5.	0.	5.	0.	5.	0.	5.	0.
INTERSECTION 22	4.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 23	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 24	1.	0.	0.	0.	1.	0.	0.	0.
INTERSECTION 25	0.	0.	0.	0.	0.	0.	1.	0.
INTERSECTION 26	4.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 27	1.	1.	0.	0.	1.	1.	2.	1.
INTERSECTION 28	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 29	0.	0.	1.	0.	0.	0.	1.	0.
INTERSECTION 30	1.	1.	0.	0.	1.	1.	1.	1.
INTERSECTION 31	1.	0.	5.	0.	5.	0.	5.	0.
INTERSECTION 32	1.	1.	0.	0.	0.	0.	2.	1.
INTERSECTION 33	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 34	18.	3.	20.	3.	0.	0.	20.	3.
INTERSECTION 35	0.	0.	0.	0.	0.	0.	0.	0.
INTERSECTION 36	3.	1.	0.	0.	3.	1.	6.	1.
INTERSECTION 37	0.	0.	5.	1.	7.	1.	0.	0.

BATS MODEL OUTPUT 78/ 8/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

H.3. PARKING LOT TRAVEL TIMES AND DELAYS

	ZONE	TOTAL TIME (SEC)	TT ARRV (SEC)	TT DEPT (SEC)	BACKNG Q (SEC)	Q DELAY (SEC)	DEPARTS (VEH)	ARRVALS (VEH)	LENGTH (METERS)
PARKNG	1	342.273	94.625	106.625	0.000	0.000	.629	2.901	574.548
PARKNG	2	43716.338	165.737	177.737	0.000	0.000	41.902	216.833	745.596
PARKNG	3	28054.906	125.321	137.321	0.000	0.000	36.147	184.256	492.704
PARKNG	4	0.000	36.289	48.289	0.000	0.000	0.000	0.000	232.248
PARKNG	5	0.000	70.348	82.348	0.000	0.000	0.000	0.000	450.227
PARKNG	6	5900.370	89.985	101.985	0.000	0.000	8.734	55.672	552.331
PARKNG	7	7646.662	89.330	101.330	0.000	0.000	20.330	62.540	548.664
PARKNG	8	6961.164	86.555	98.555	0.000	0.000	17.615	60.367	537.963
PARKNG	9	16406.236	88.219	100.219	0.000	0.000	49.161	130.123	522.724
PARKNG	10	31349.383	92.409	104.409	0.000	0.000	154.718	164.439	587.873
PARKNG	11	29060.225	48.995	60.995	0.000	0.000	287.926	234.680	313.568
PARKNG	12	7115.405	89.747	101.747	0.000	0.000	59.139	12.236	574.383
PARKNG	13	2550.639	62.914	74.914	0.000	0.000	6.082	33.299	390.346
PARKNG	14	7131.030	46.980	58.980	0.000	0.000	63.265	72.363	296.226
PARKNG	15	25937.473	74.480	86.480	6.000	0.000	82.083	234.083	244.294
PARKNG	16	71945.926	94.285	106.285	0.000	0.000	464.235	239.745	603.427
PARKNG	17	93.933	61.737	73.737	0.000	0.000	.738	.640	395.118
PARKNG	18	8732.220	129.370	141.370	0.000	0.000	17.327	48.564	801.989
PARKNG	19	9240.301	91.763	103.763	0.000	0.000	82.439	7.478	587.282
PARKNG	20	55092.846	116.923	128.923	0.000	0.000	68.039	396.166	614.863
PARKNG	21	55697.686	141.123	153.123	0.000	0.000	113.383	271.650	818.905
PARKNG	22	19713.767	111.998	123.998	0.000	0.000	50.249	120.386	665.464
PARKNG	23	47671.568	139.826	151.826	0.000	0.000	111.883	219.449	769.259
PARKNG	24	147643.869	199.132	211.132	0.000	0.000	187.821	542.299	1130.000
PARKNG	25	97890.473	386.316	398.316	0.000	0.000	180.336	67.457	2472.424

BATS MODEL OUTPUT 76/ 6/22 DAVIS-MONTHAN AM RUSH PREDICTIVE------ PERIOD FROM 700. TO 760. HOURS

H.4. LINK TO LINK TRAVEL TIMES(SECONDS)

LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES			LINK	TRAVEL TIMES		
1	30.	30.	30.	2	32.	32.	32.	3	135.	135.	135.	4	137.	137.	137.	5	45.	45.	45.	6	46.	46.	46.
7	19.	19.	19.	8	19.	19.	19.	9	21.	21.	21.	10	26.	26.	26.	11	49.	49.	49.	12	43.	43.	43.
13	39.	39.	39.	14	40.	40.	40.	15	21.	21.	21.	16	21.	21.	21.	17	22.	22.	22.	18	27.	27.	27.
19	51.	51.	51.	20	43.	43.	43.	21	5.	5.	5.	22	33.	33.	33.	23	20.	20.	20.	24	5.	5.	5.
25	12.	12.	12.	26	11.	11.	11.	27	22.	22.	22.	28	21.	21.	21.	29	25.	25.	25.	30	26.	26.	26.
31	28.	28.	28.	32	22.	22.	22.	33	47.	47.	47.	34	47.	47.	47.	35	16.	16.	16.	36	16.	16.	16.
37	18.	18.	18.	38	18.	18.	18.	39	24.	24.	24.	40	21.	21.	21.	41	19.	19.	19.	42	26.	26.	26.
43	61.	61.	61.	44	56.	56.	56.	45	17.	17.	17.	46	6.	6.	6.	47	13.	13.	13.	48	12.	12.	12.
49	19.	19.	19.	50	23.	23.	23.	51	93.	93.	93.	52	86.	86.	86.	53	51.	51.	51.	54	47.	47.	47.
55	40.	40.	40.	56	41.	41.	41.	57	18.	18.	18.	58	19.	19.	19.	59	18.	18.	18.	60	19.	19.	19.
61	34.	34.	34.	62	39.	39.	39.	63	55.	55.	55.	64	49.	49.	49.	65	17.	17.	17.	66	17.	17.	17.
67	24.	24.	24.	68	25.	25.	25.	69	36.	36.	36.	70	37.	37.	37.	71	23.	23.	23.	72	22.	22.	22.
73	12.	12.	12.	74	12.	12.	12.	75	12.	12.	12.	76	13.	13.	13.	77	20.	20.	20.	78	24.	24.	24.
79	101.	101.	101.	80	98.	98.	98.	81	24.	24.	24.	82	43.	43.	43.	83	106.	106.	106.	84	84.	84.	84.
85	74.	74.	74.	86	74.	74.	74.	87	11.	11.	11.	88	11.	11.	11.	89	21.	21.	21.	90	18.	18.	18.
91	22.	22.	22.	92	21.	21.	21.	93	21.	21.	21.	94	21.	21.	21.	95	38.	38.	38.	96	23.	23.	23.
97	21.	21.	21.	98	20.	20.	20.	99	16.	16.	16.	100	16.	16.	16.	101	47.	47.	47.	102	47.	47.	47.
103	35.	35.	35.	104	35.	35.	35.	105	32.	32.	32.	106	32.	32.	32.	107	37.	37.	37.	108	37.	37.	37.
109	41.	41.	41.	110	41.	41.	41.	111	65.	65.	65.	112	65.	65.	65.	113	51.	51.	51.	114	46.	46.	46.
115	46.	46.	46.	116	50.	50.	50.	117	20.	20.	20.	118	29.	29.	29.	119	17.	17.	17.	120	15.	15.	15.
121	23.	23.	23.	122	15.	15.	15.	123	13.	13.	13.	124	13.	13.	13.	125	20.	20.	20.	126	73.	73.	73.
127	37.	37.	37.	128	24.	24.	24.	129	56.	56.	56.	130	55.	55.	55.	131	42.	42.	42.	132	42.	42.	42.
133	7.	7.	7.	134	6.	6.	6.	135	99.	99.	99.	136	93.	93.	93.	137	57.	57.	57.	138	57.	57.	57.
139	43.	43.	43.	140	43.	43.	43.	141	57.	57.	57.	142	57.	57.	57.	143	31.	31.	31.	144	36.	36.	36.
145	23.	23.	23.	146	22.	22.	22.	147	17.	17.	17.	148	14.	14.	14.	149	24.	24.	24.	150	36.	36.	36.
151	23.	23.	23.	152	20.	20.	20.	153	37.	37.	37.	154	43.	43.	43.	155	9.	9.	9.	156	13.	13.	13.
157	57.	57.	57.	158	57.	57.	57.	159	113.	113.	113.	160	119.	119.	119.	161	200.	200.	200.	162	200.	200.	200.
163	53.	53.	53.	164	53.	53.	53.	165	16.	16.	16.	166	16.	16.	16.	167	28.	28.	28.	168	24.	24.	24.
169	49.	49.	49.	170	49.	49.	49.	171	30.	30.	30.	172	30.	30.	30.	173	110.	110.	110.	174	110.	110.	110.
175	79.	79.	79.	176	58.	58.	58.	177	47.	47.	47.	178	54.	54.	54.	179	3.	3.	3.	180	3.	3.	3.
181	138.	138.	138.	182	126.	126.	126.	183	106.	106.	106.	184	96.	96.	96.	185	14.	14.	14.	186	7.	7.	7.

I.1. NETWORK SUMMARY PARAMETERS FOR TIME PERIOD

TOTAL TRAVEL TIME ON NETWORK	256.(VEH-HRS)
TOTAL RUNNING TIME IN PARKING ZONES	202.(VEH-HRS)
TOTAL VEHICLE MILES TRAVELED ON NETWORK	6144.(VEH-MI)
TOTAL INTERSECTION DELAY ON NETWORK	29.(VEH-HRS)
TOTAL STOPS AT INTERSECTIONS	9076.(VEH)
TOTAL OF INTERSECTION AVERAGE QUEUE LENGTHS	417.(M)

```
AEOYBNS.   79/08/15. SRI KRONOS/NOS (O) WEDNESDAY

18.47.01.DJD5,CM200000,P10,T200.
18.47.01. PRIORITY 10B.
18.47.01. ---FOR COS INFO CALL EXT 5050.
18.47.01.ACCOUNT(WADJD,)
18.47.01.GET(LGOPLOT)
18.47.07.GET(DAVISM)
18.47.08.SETID(OUTPUT=1)
18.47.08.MAP.
18.49.51.GETLIB,SUBLIB.
18.49.51.NOEXIT.
18.49.52.GETLIB,CCTAPE.
18.49.52.LDSET,LIB=CCTAPE/SUBLIB.
18.49.53.LGOPLOT,DAVISM.
18.49.57.      NON-FATAL LOADER ERRORS - SEE MAP
18.50.30.STOP
18.50.30.REPLACE(TAPE7=TAPE7)
18.50.30. TAPE7 NOT FOUND,  AT 000123.
18.50.30.RETURN(TAPE1)
18.50.31.UQPR,       0.272KPRS.
18.50.31.UQIN,       0.002KPRS.
18.50.31.UEPF,       0.213KUNS.
18.50.31.UEMS,       4.407KUNS.
18.50.31.UECP,      33.639SECS.
18.50.31.AESR,       7.880UNTS.
18.50.31.UECM,      62.317KWRD.
18.50.31.AE$$,       5.697$$$$.
```

INITIAL DISTRIBUTION

AD/DLODL	1	HQ AFISC	1
DDC/DDA	2	HQ AUL/LSE 71-249	1
HQ AFSC/DLWM	1	HQ USAFA/Library	1
HQ AFSC/SD	1	1 MSEW	1
HQ USAF/LEEV	1	OUSDR&E	1
HQ USAF/SGPA	1	MTMC/TEA	1
OSAF/MIQ	1	HQ AFESC/RDVA	10
OSAF/OI	1	HQ AFESC/TST	2
AFIT/Library	1	SRI International	1
AFIT/DE	1	HQ TAC/DEEV	1
NSF	1	HQ SAC/DEPV	1
EPA/ORD	1	HQ MAC/DEEE	1
USA Chief, R&D/EQ	1	HQ TAC/DEPV	1
USN Chief, R&D/EQ	1	HQ AFLC/DEPV	1
OEHL/CC	1	USAFRCE/WR	1
HQ AFESC/DEV	1	USAFRCE/CR	1
USAFSAM/EDE	1	USAFRCE/ER	1
USAF Hospital, Wiesbaden	1		

(The reverse of this page is blank)

ADTC
EGLIN AFB, FLA. 32542

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

THIRD CLASS